

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100127.D
 Acq On : 3 Nov 2017 11:18
 Operator : SJ/JU
 Sample : I6273-10
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 11:54:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

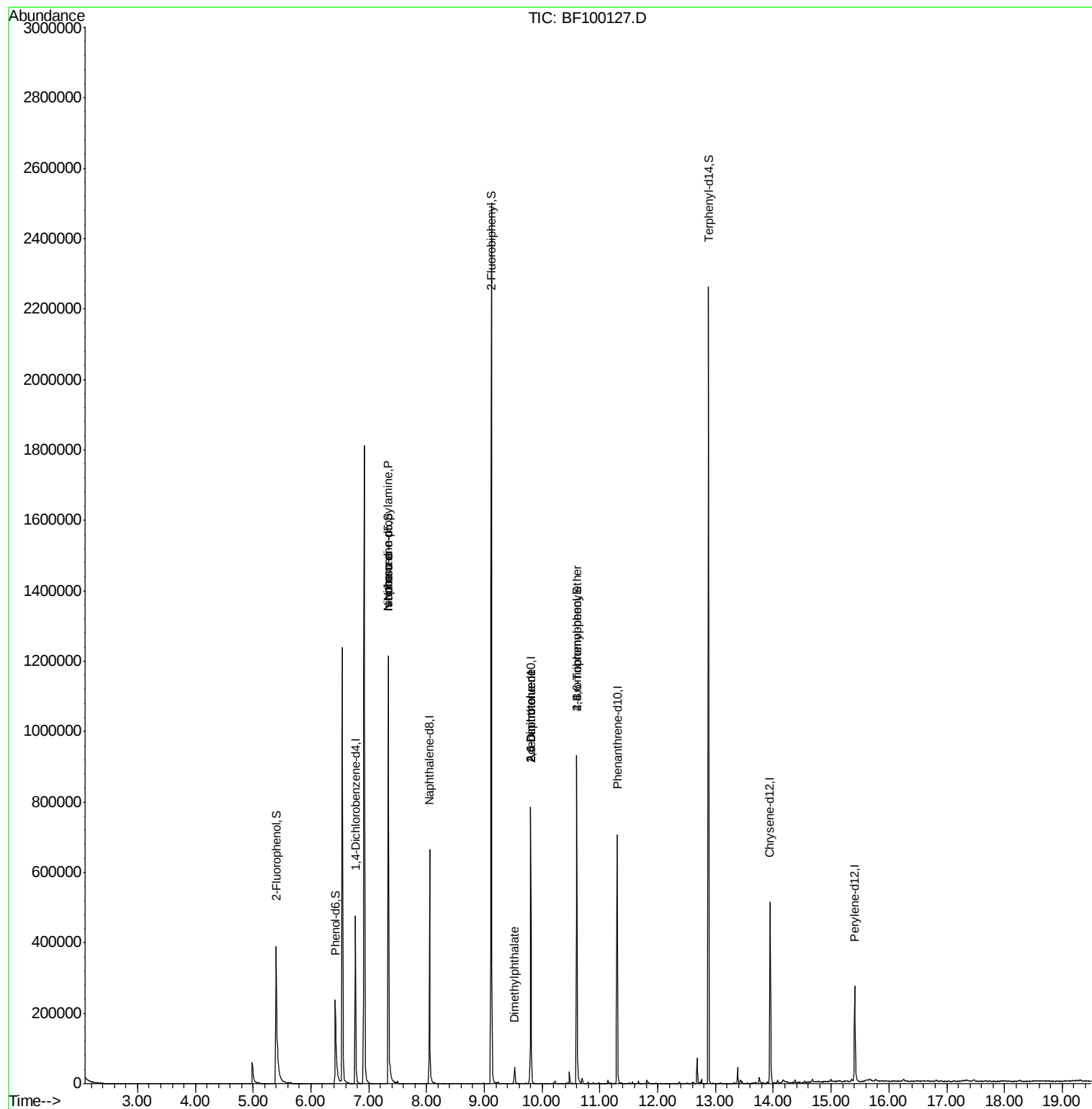
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	83225	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	344281	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	157386	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	280656	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	184802	20.00	ng	-0.03
86) Perylene-d12	15.41	264	136200	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	230914	43.56	ng	0.00
7) Phenol-d6	6.42	99	178772	28.44	ng	0.00
23) Nitrobenzene-d5	7.34	82	455004	85.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	121304	84.57	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	899219	88.15	ng	-0.01
78) Terphenyl-d14	12.88	244	791586	93.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	54865	14.895	ng	# 72
25) Isophorone	7.34	82	455004	46.890	ng	# 64
49) Dimethylphthalate	9.52	163	27760	2.227	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	19479	7.434	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	19479	6.173	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	7870	2.664	ng	# 1

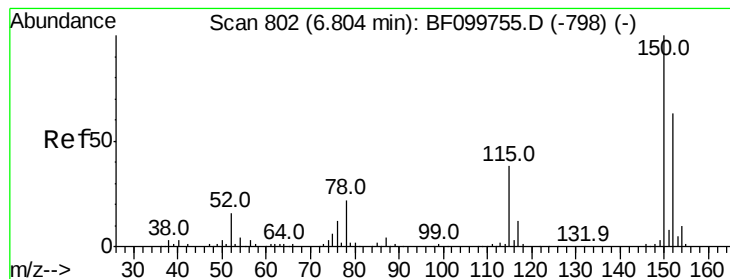
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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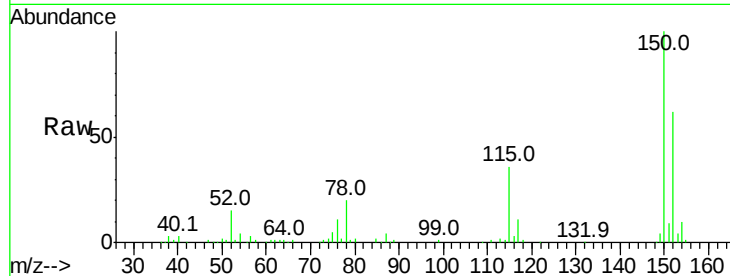


#1

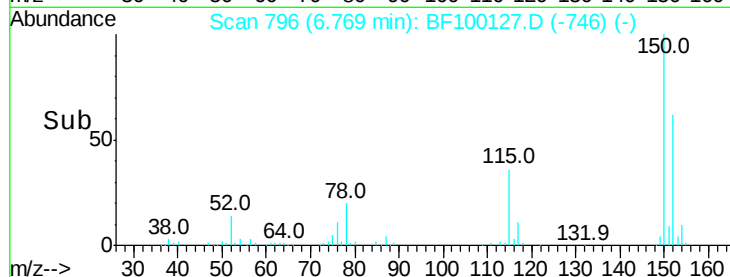
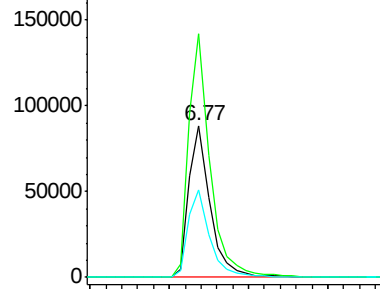
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100127.D
Acq: 3 Nov 2017 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83225
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 57.9 50.1 75.1



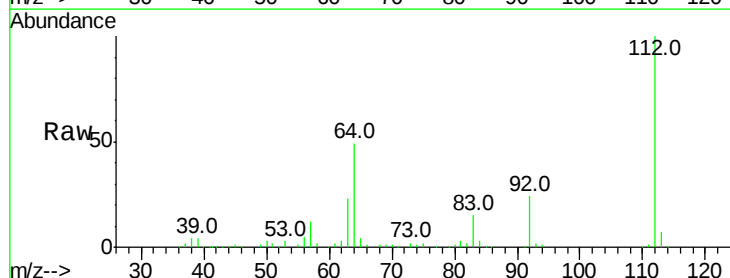
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



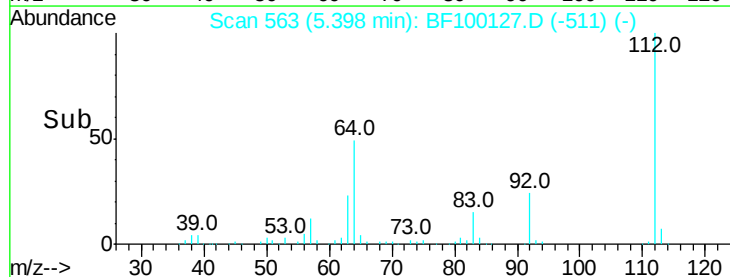
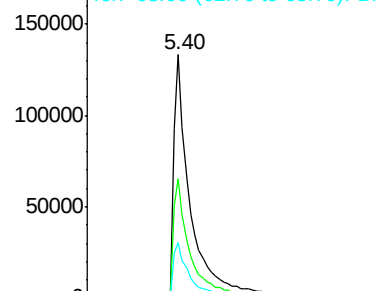
#5

2-Fluorophenol
Concen: 43.560 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100127.D
Acq: 3 Nov 2017 11:18

Tgt Ion:112 Resp: 230914
Ion Ratio Lower Upper
112 100
64 49.0 47.9 71.9
63 22.9 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: 28.442 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100127.D

Acq: 3 Nov 2017 11:18

Instrument :

BNA_F

ClientSampleId :

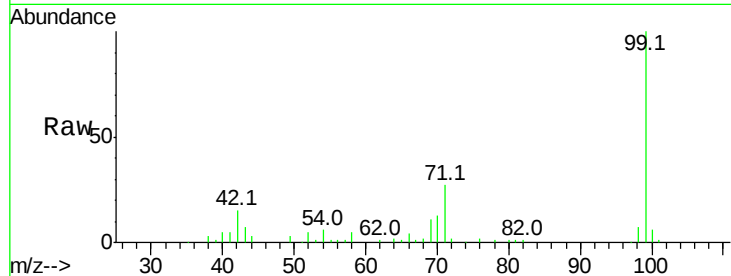
Tot Ion: 99 Resp: 178772

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

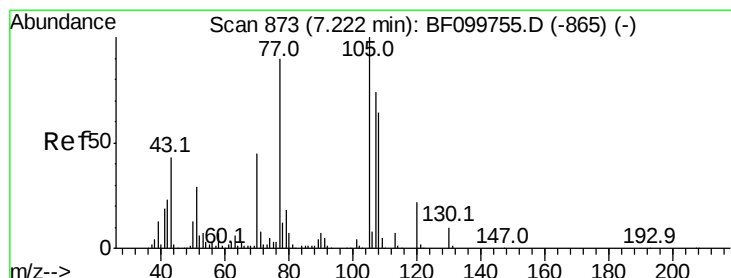
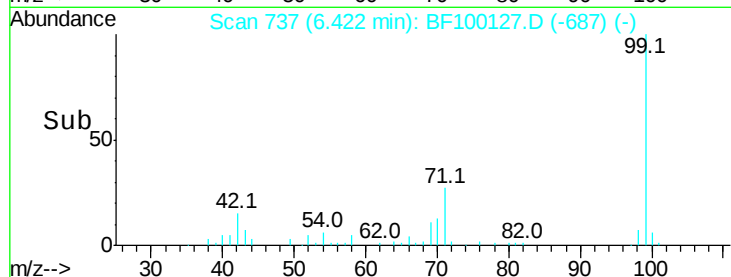
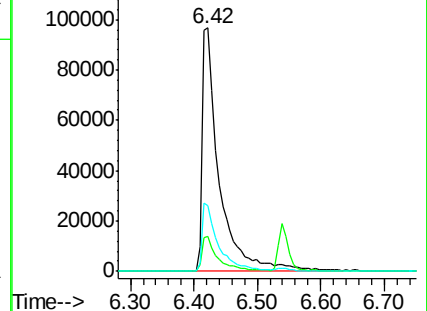
71 27.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.895 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100127.D

Acq: 3 Nov 2017 11:18

Tgt Ion: 70 Resp: 54865

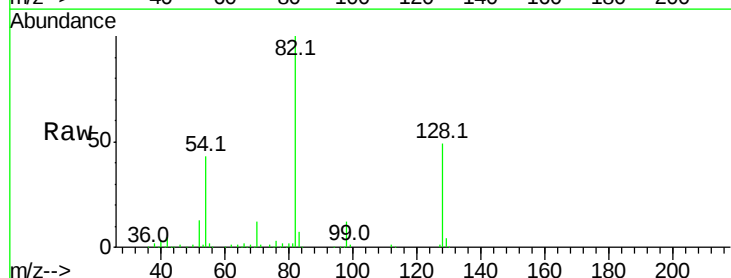
Ion Ratio Lower Upper

70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

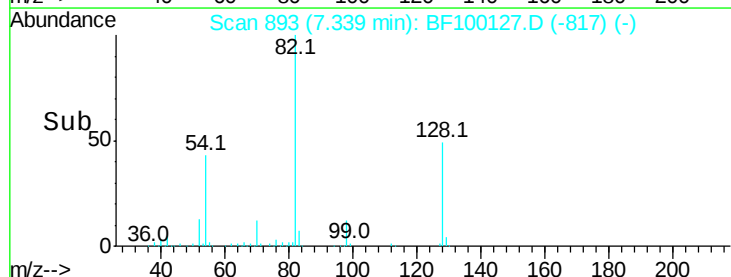
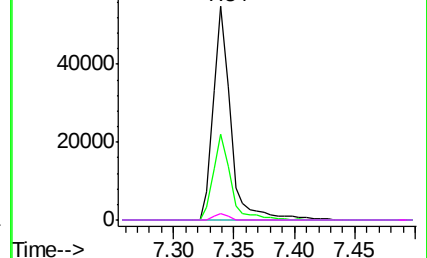


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

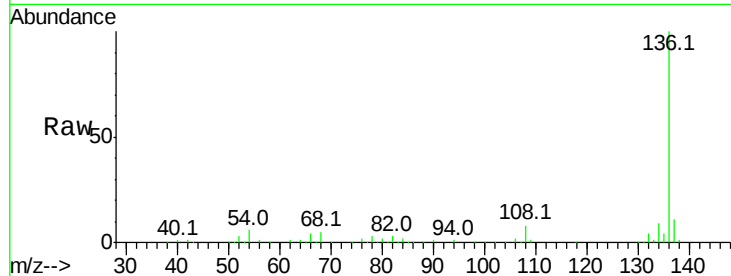




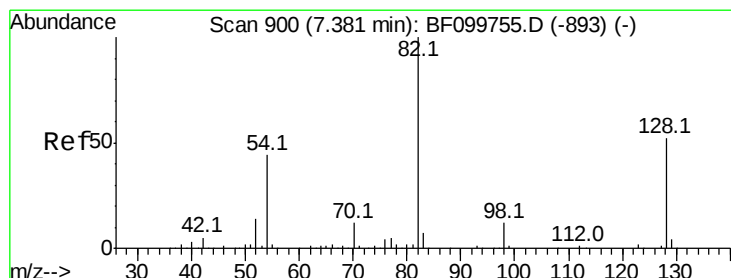
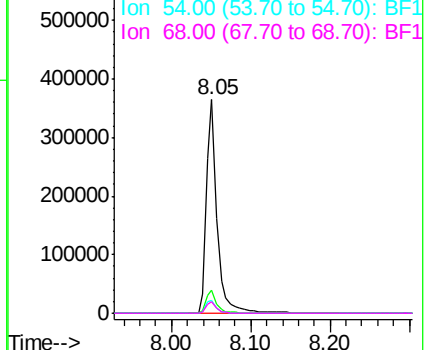
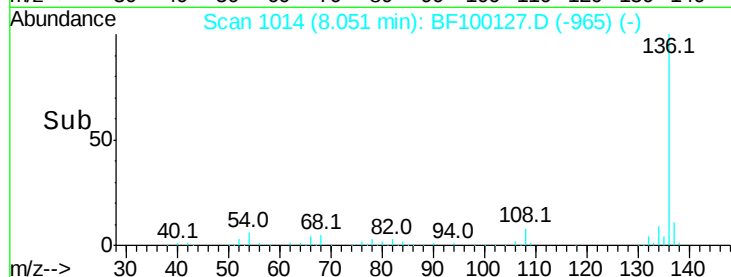
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100127.D
Acq: 3 Nov 2017 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	344281
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.9	6.6	9.8#
68	5.4	5.0	7.4

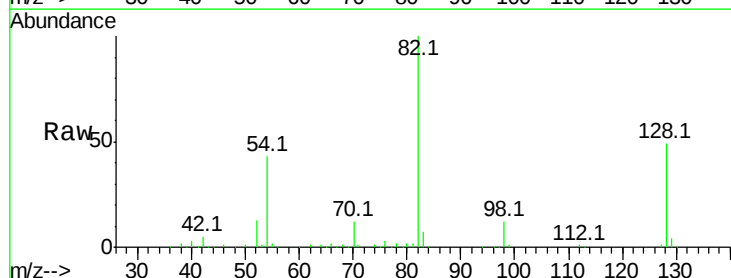


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

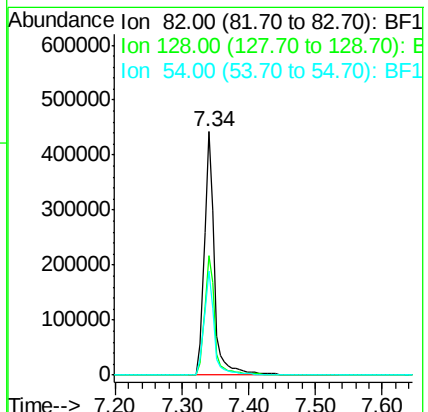
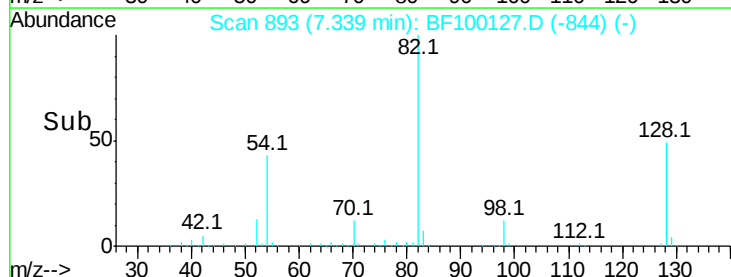


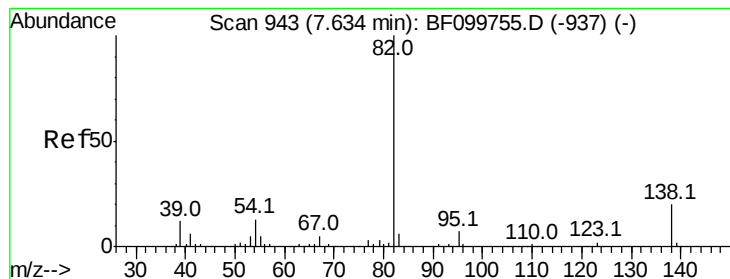
#23
Nitrobenzene-d5
Concen: 85.086 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100127.D
Acq: 3 Nov 2017 11:18

Tgt Ion:	82	Resp:	455004
Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	42.7	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: 46.890 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100127.D

Acq: 3 Nov 2017 11:18

Instrument :

BNA_F

ClientSampleId :

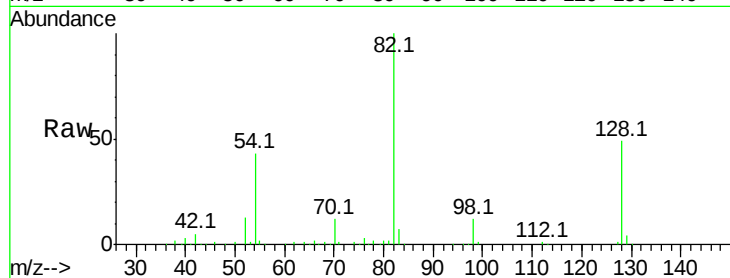
Tot Ion: 82 Resp: 455004

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

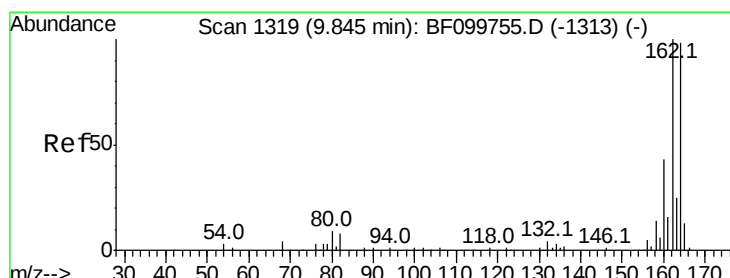
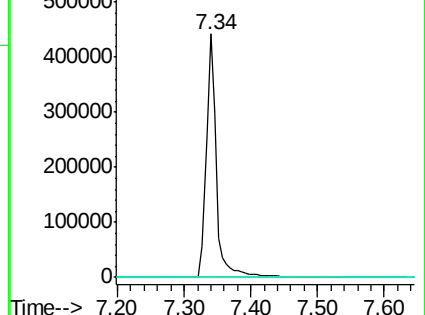
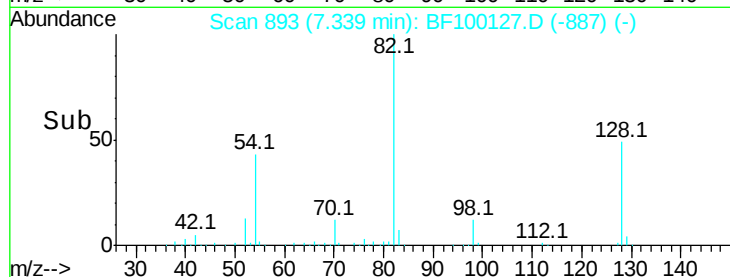
138 0.0 14.9 22.3#



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: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100127.D

Acq: 3 Nov 2017 11:18

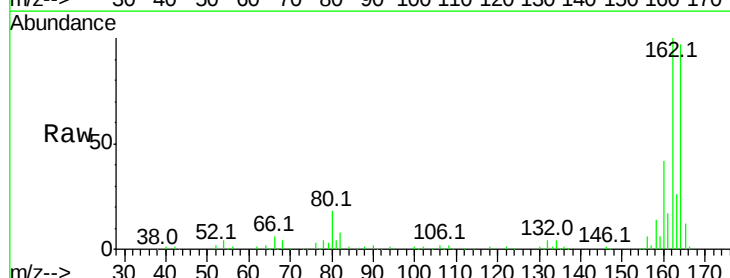
Tgt Ion:164 Resp: 157386

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

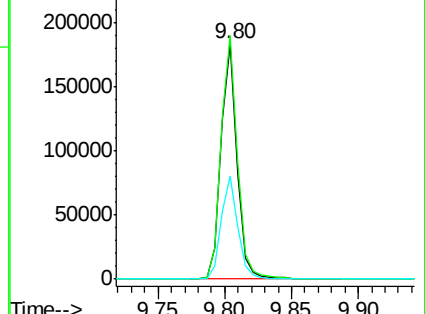
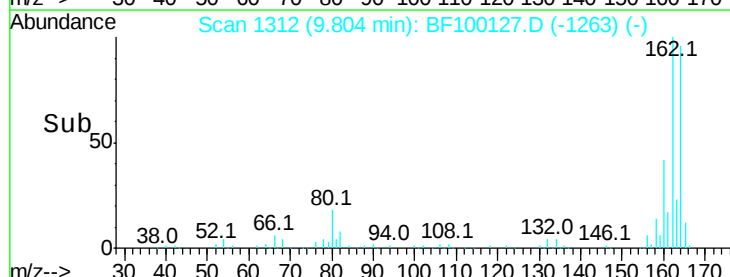
160 43.9 38.3 57.5



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

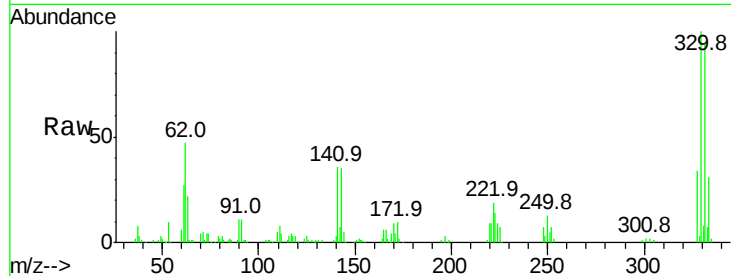




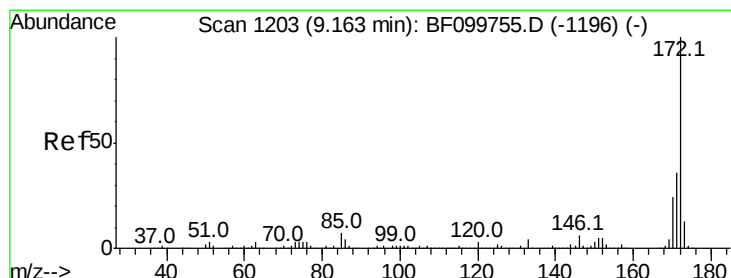
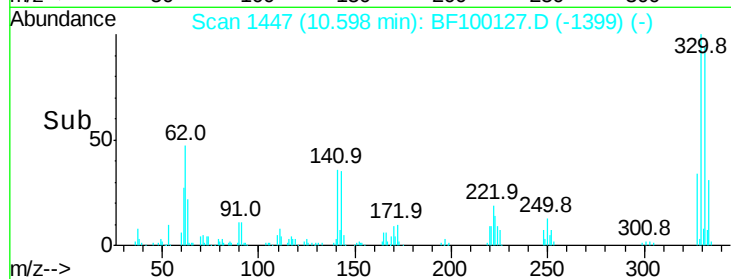
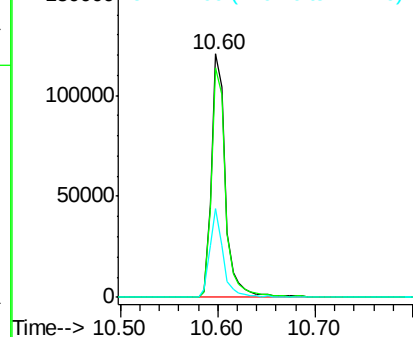
#41
 2,4,6-Tribromophenol
 Concen: 84.575 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100127.D
 Acq: 3 Nov 2017 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 121304
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 34.3 29.9 44.9

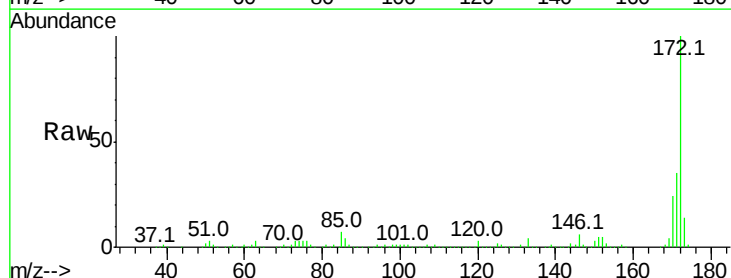


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

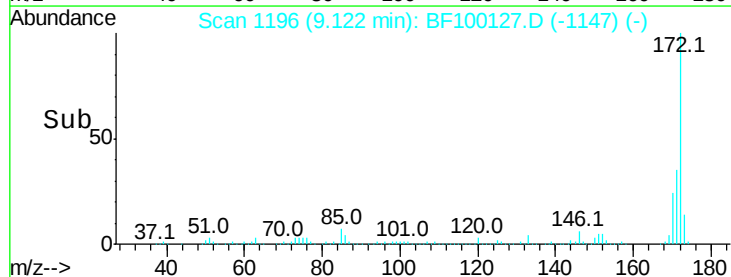
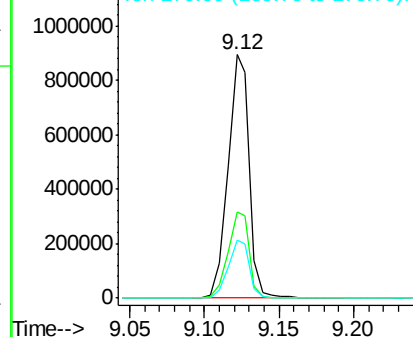


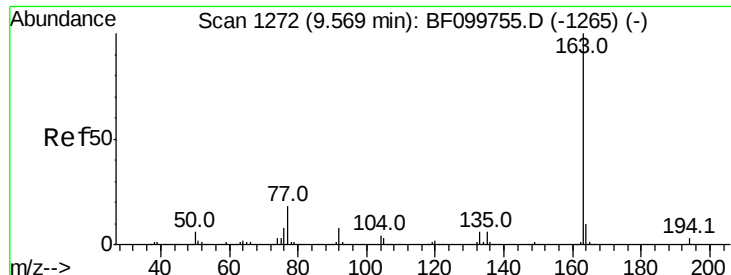
#44
 2-Fluorobiphenyl
 Concen: 88.150 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100127.D
 Acq: 3 Nov 2017 11:18

Tgt Ion:172 Resp: 899219
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.7 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

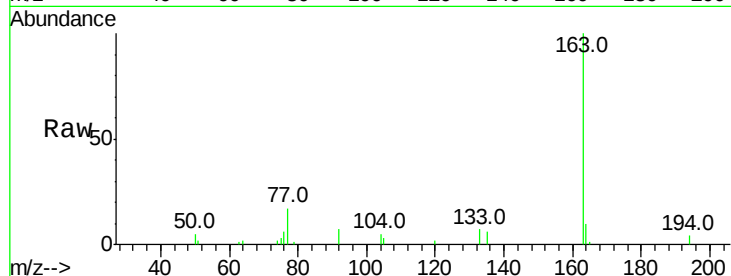




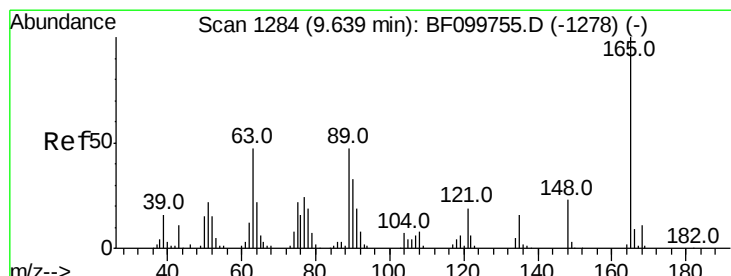
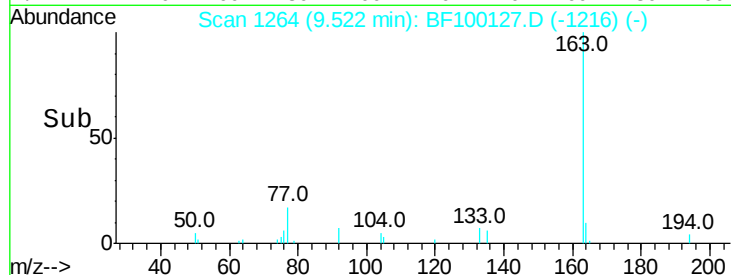
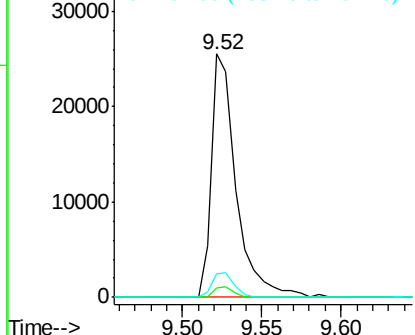
#49
Dimethylphthalate
Concen: 2.227 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100127.D
Acq: 3 Nov 2017 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 27760
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.2 12.2

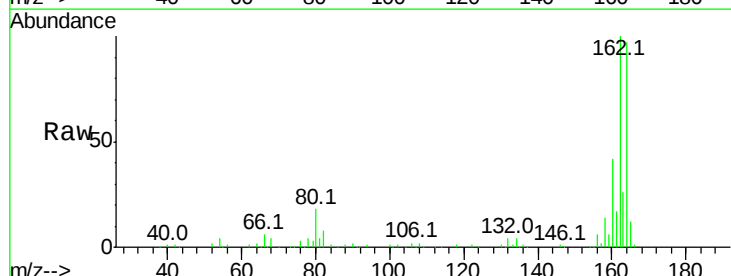


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

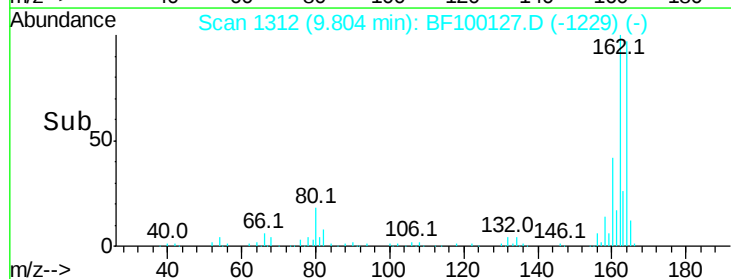
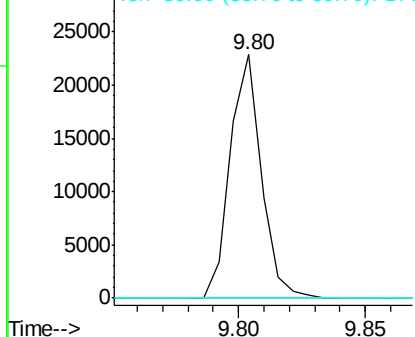


#50
2,6-Dinitrotoluene
Concen: 7.434 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100127.D
Acq: 3 Nov 2017 11:18

Tgt Ion:165 Resp: 19479
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 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

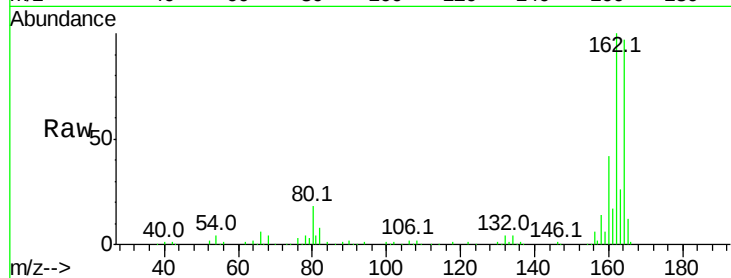




#56
 2,4-Dinitrotoluene
 Concen: 6.173 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.23 min
 Lab File: BF100127.D
 Acq: 3 Nov 2017 11:18

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#

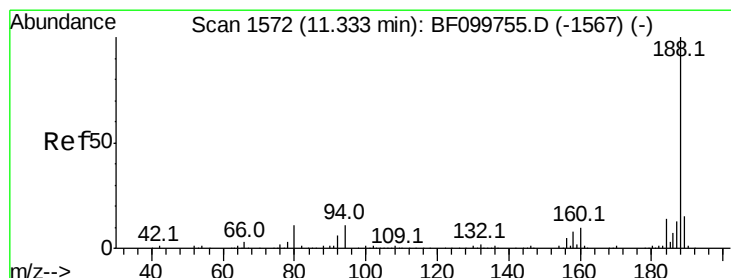
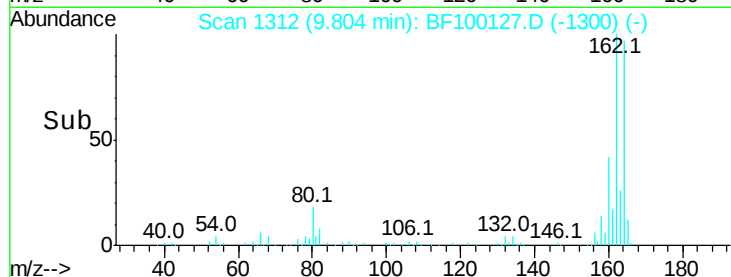
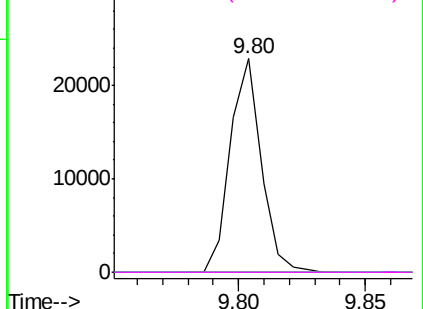


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

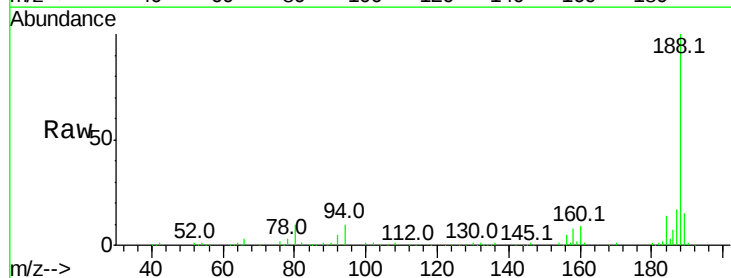
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100127.D
 Acq: 3 Nov 2017 11:18

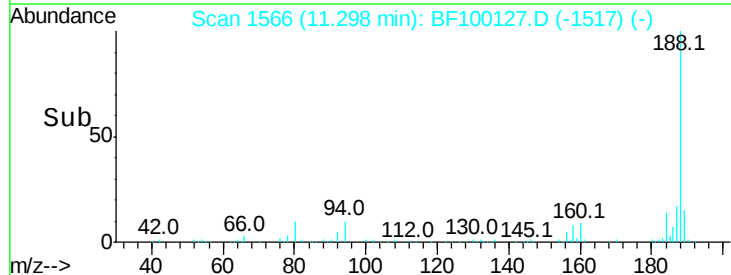
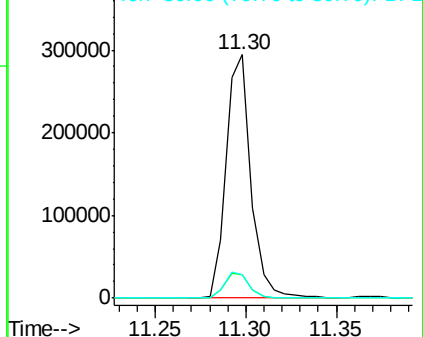
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	9.8	9.2	13.8



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

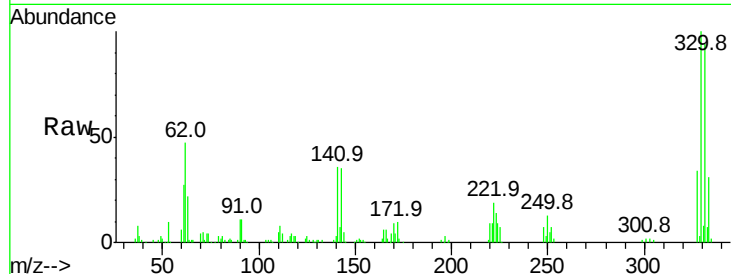




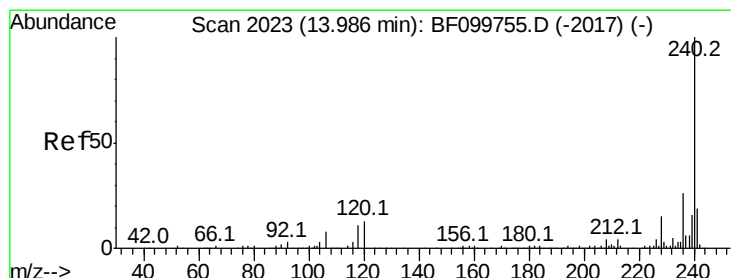
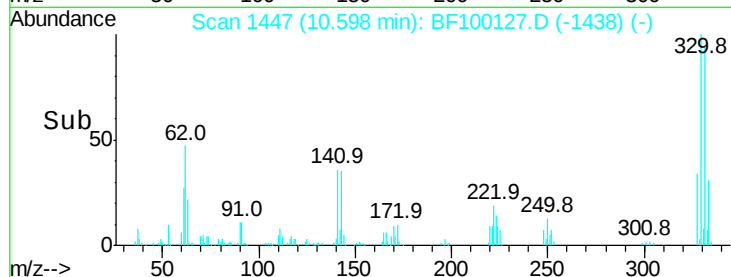
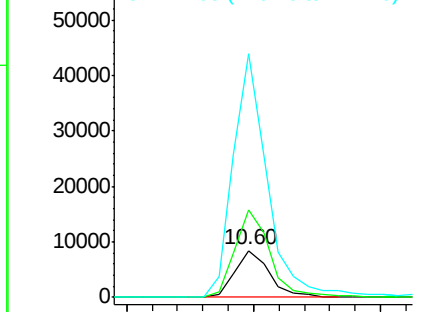
#66
 4-Bromophenyl-phenylether
 Concen: 2.664 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF100127.D
 Acq: 3 Nov 2017 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7870
 Ion Ratio Lower Upper
 248 100
 250 188.6 76.9 115.3#
 141 521.7 74.4 111.6#

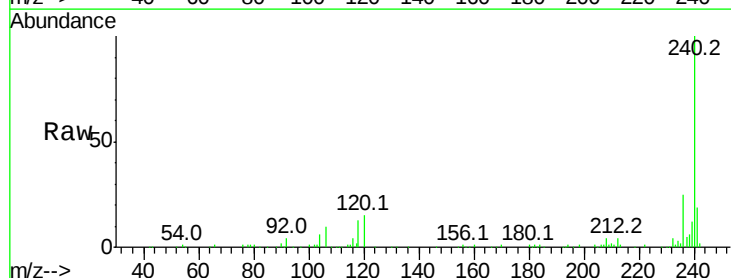


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

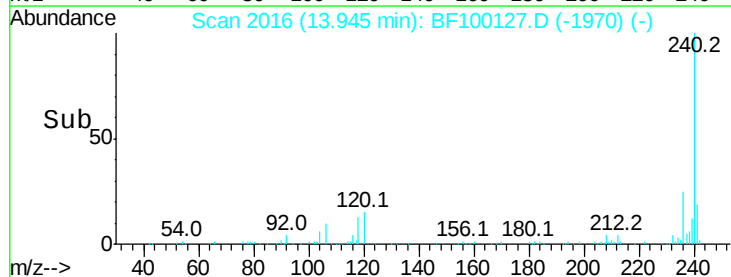
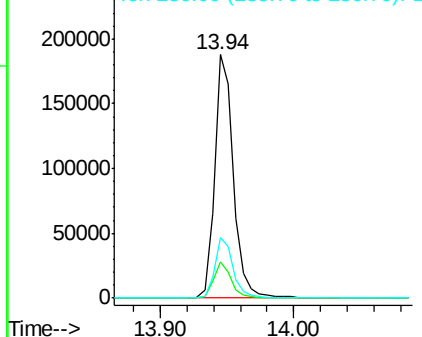


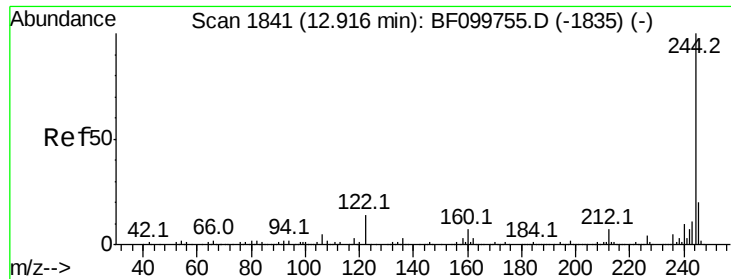
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF100127.D
 Acq: 3 Nov 2017 11:18

Tgt Ion:240 Resp: 184802
 Ion Ratio Lower Upper
 240 100
 120 14.8 9.5 14.3#
 236 24.7 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: 93.609 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100127.D

Acq: 3 Nov 2017 11:18

Instrument :

BNA_F

ClientSampleId :

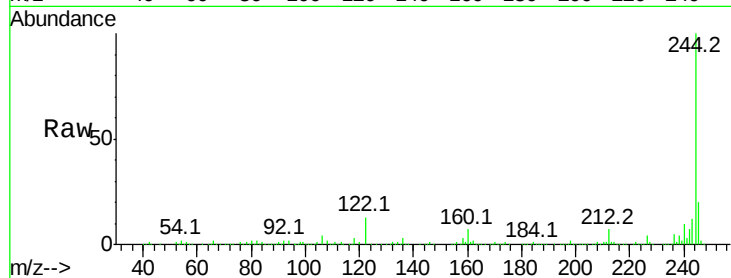
Tot Ion:244 Resp: 791586

Ion Ratio Lower Upper

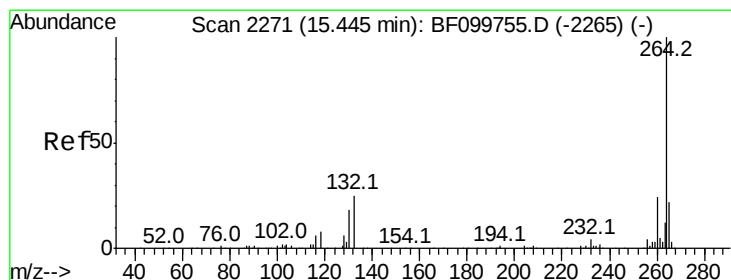
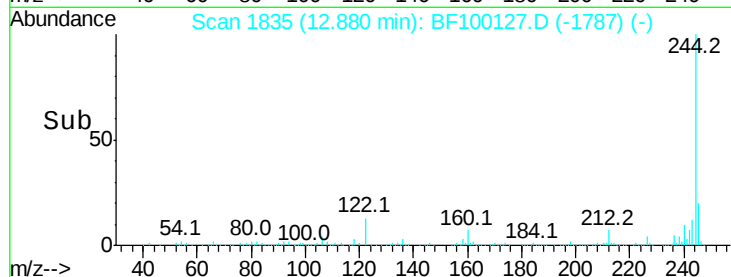
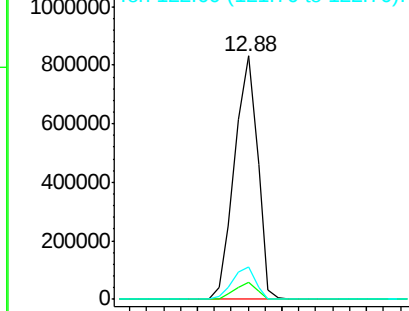
244 100

212 6.8 5.4 8.0

122 13.2 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

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100127.D

Acq: 3 Nov 2017 11:18

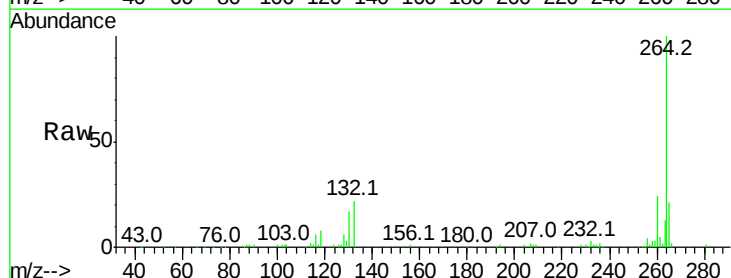
Tgt Ion:264 Resp: 136200

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.2 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

