

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101645.D
 Acq On : 22 Dec 2017 9:49
 Operator : SJ/JU
 Sample : I7008-11
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 10:38:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

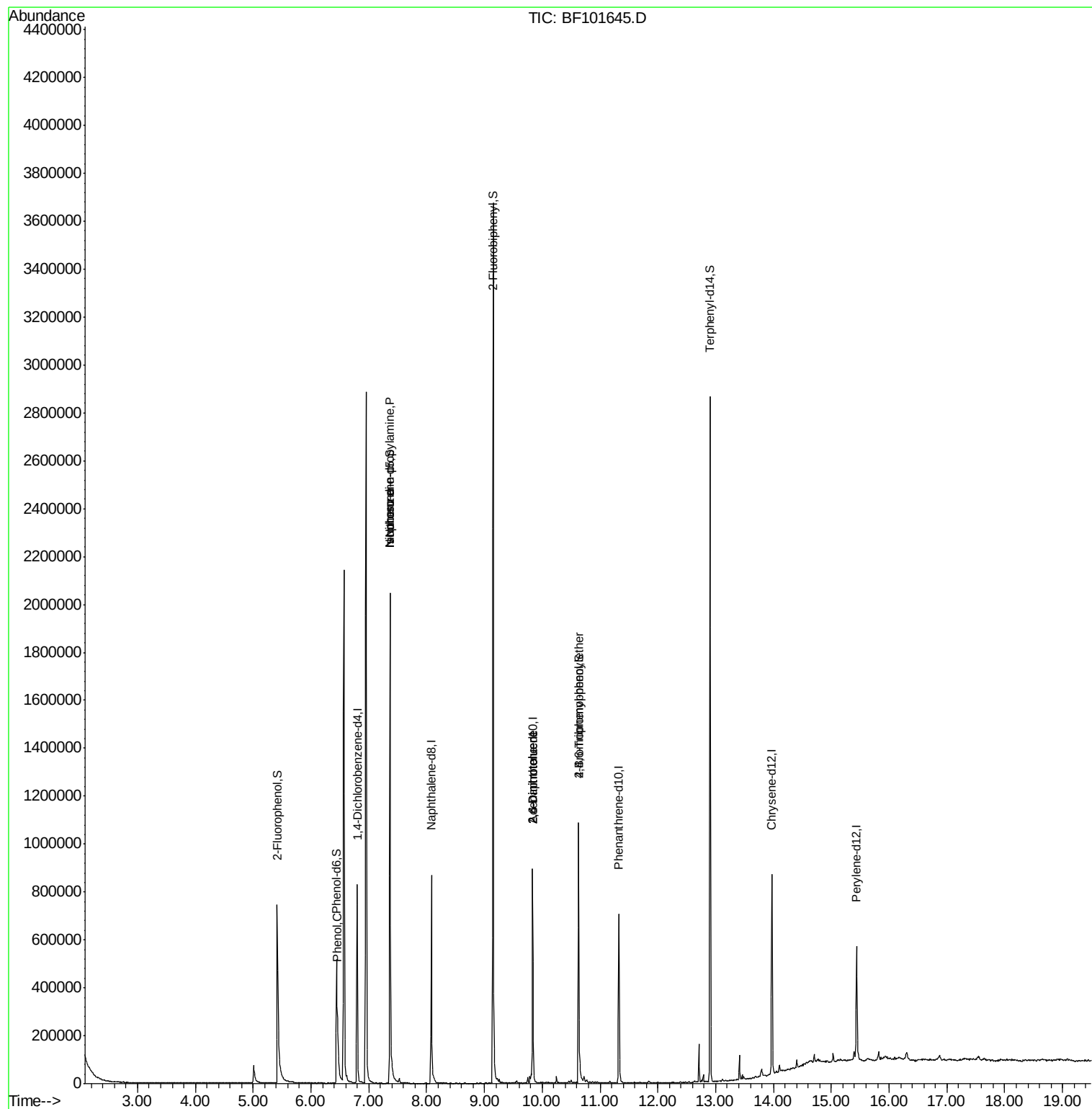
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135376	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	489761	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	180912	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	297131	20.00	ng	0.00
75) Chrysene-d12	13.97	240	324113	20.00	ng	0.00
86) Perylene-d12	15.44	264	242658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	368515	40.55	ng	0.01
7) Phenol-d6	6.44	99	282437	24.97	ng	0.00
23) Nitrobenzene-d5	7.37	82	787314	89.49	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	136851	78.50	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1206262	103.43	ng	0.00
78) Terphenyl-d14	12.90	244	948137	70.52	ng	0.00
Target Compounds						
10) Phenol	6.46	94	30806	2.390	ng	# 66
19) n-Nitroso-di-n-propylamine	7.37	70	106056	14.278	ng	# 79
25) Isophorone	7.37	82	787314	44.607	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	23128	7.820	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	23128	6.941	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	9030	2.705	ng	# 1

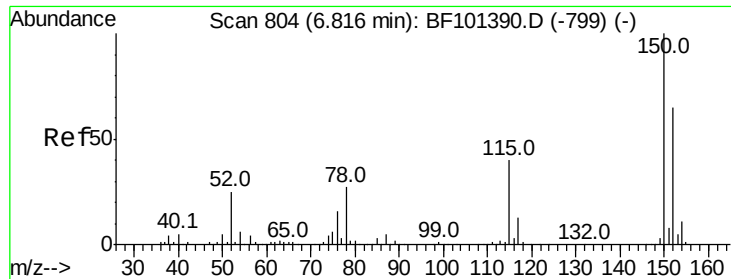
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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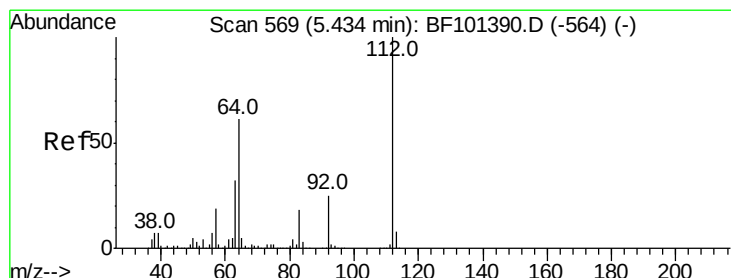
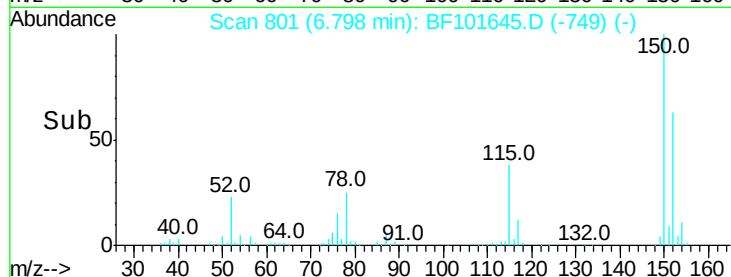
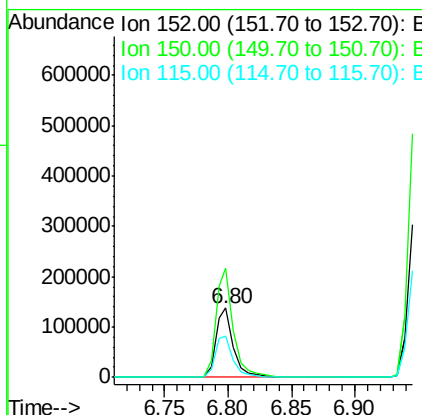
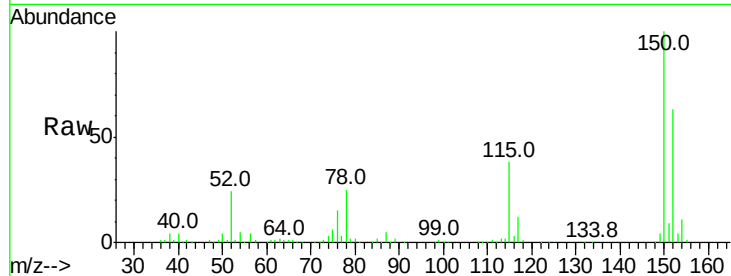


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101645.D
Acq: 22 Dec 2017 9:49

Instrument :
BNA_F
ClientSampleId :

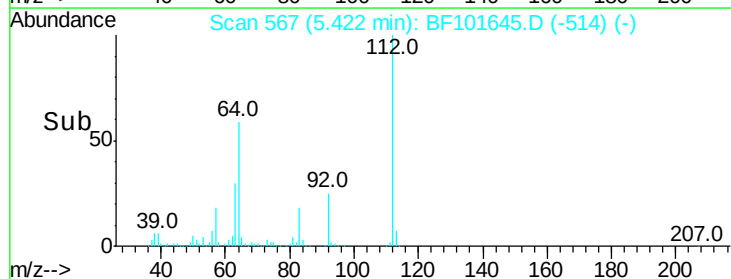
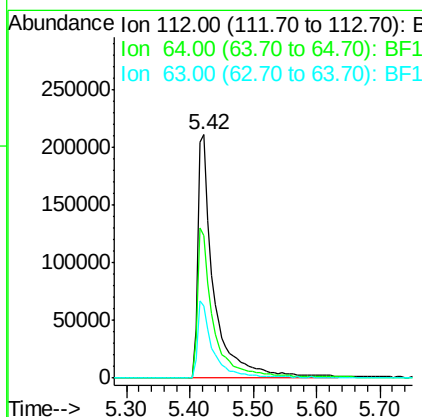
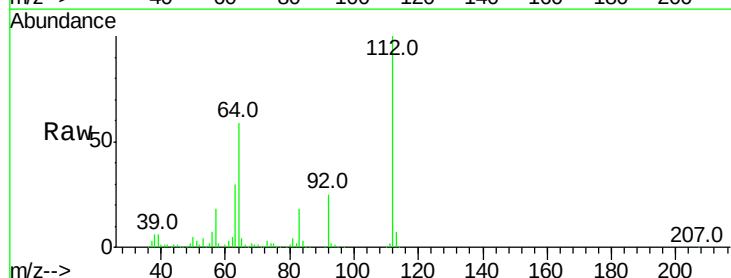
Tot Ion:152 Resp: 135376
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 59.9 50.1 75.1

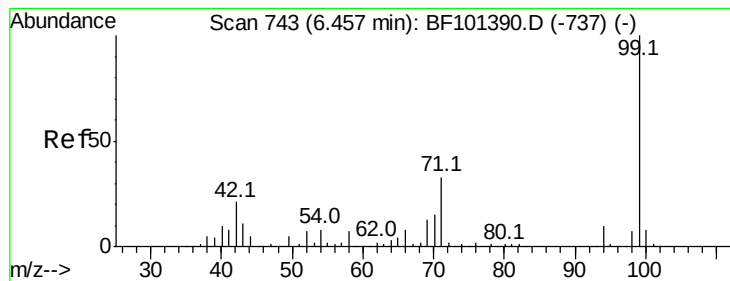


#5

2-Fluorophenol
Concen: 40.549 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101645.D
Acq: 22 Dec 2017 9:49

Tgt Ion:112 Resp: 368515
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 24.971 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

Instrument :

BNA_F

ClientSampled :

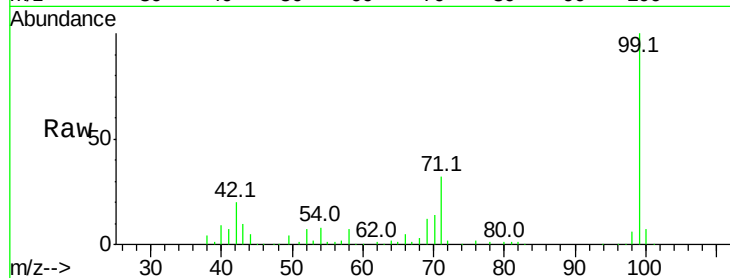
Tot Ion: 99 Resp: 282437

Ion Ratio Lower Upper

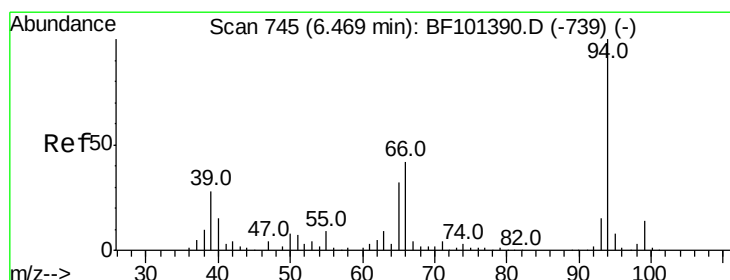
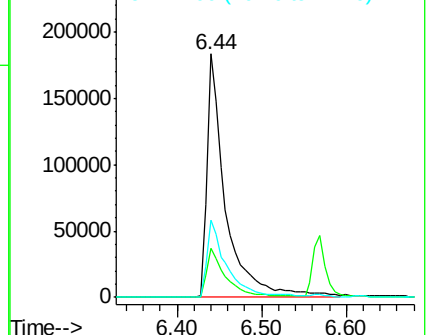
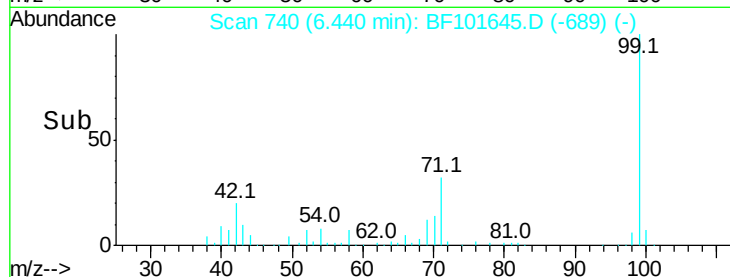
99 100

42 19.9 14.5 21.7

71 32.0 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: 2.390 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

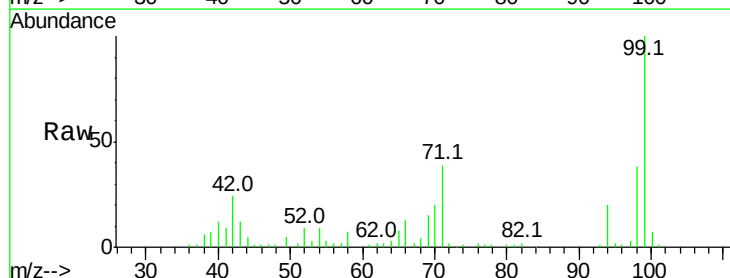
Tgt Ion: 94 Resp: 30806

Ion Ratio Lower Upper

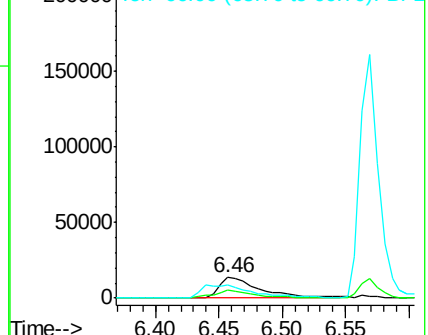
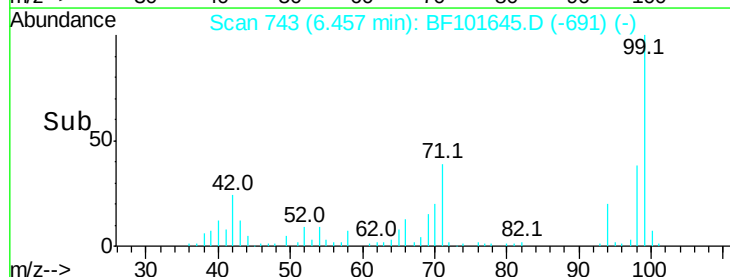
94 100

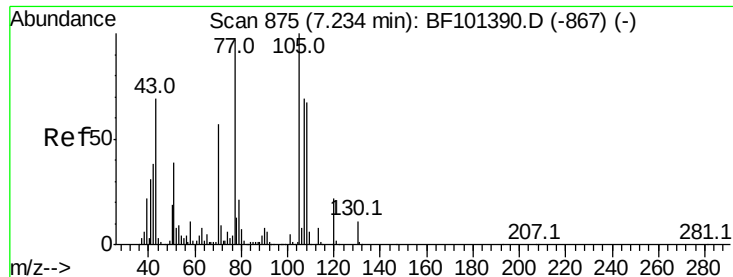
65 37.7 7.9 47.9

66 62.9 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

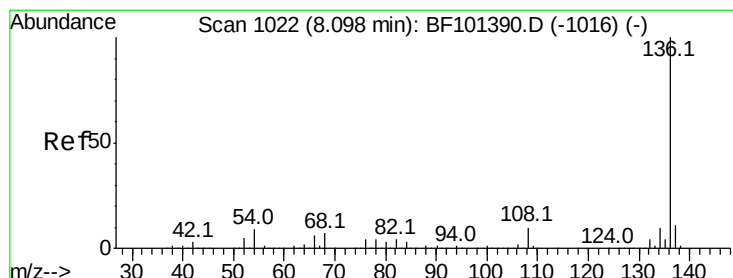
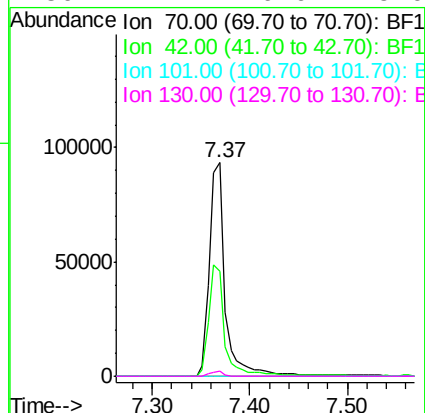
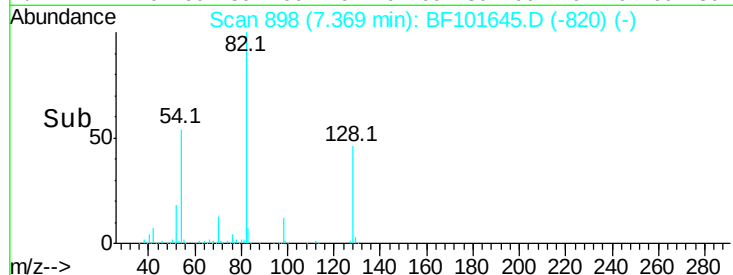
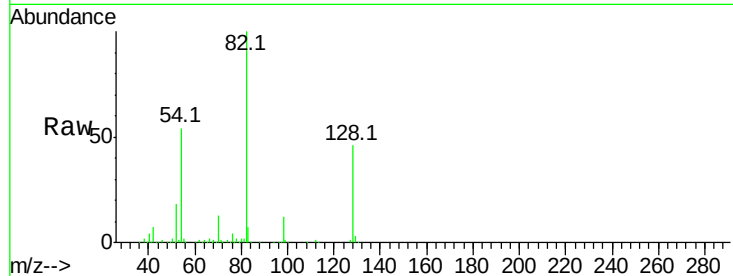




#19
n-Nitroso-di-n-propylamine
Concen: 14.278 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.16 min
Lab File: BF101645.D
Acq: 22 Dec 2017 9:49

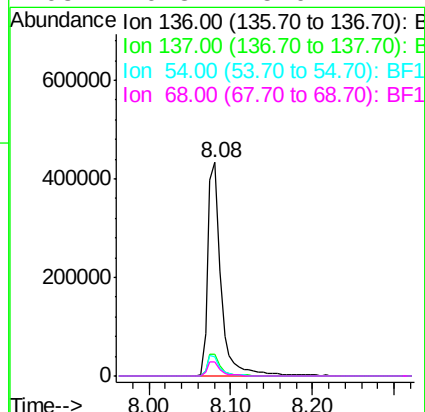
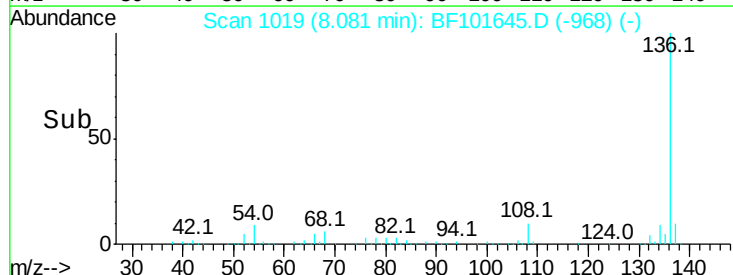
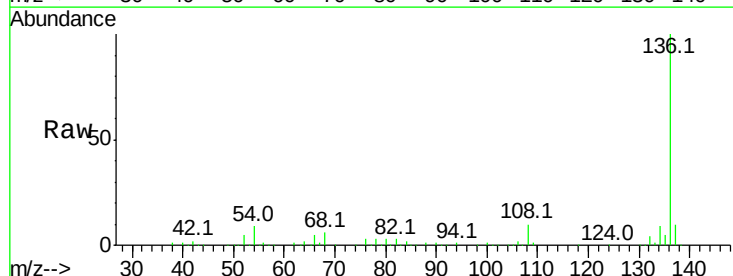
Instrument :
BNA_F
ClientSampleId :

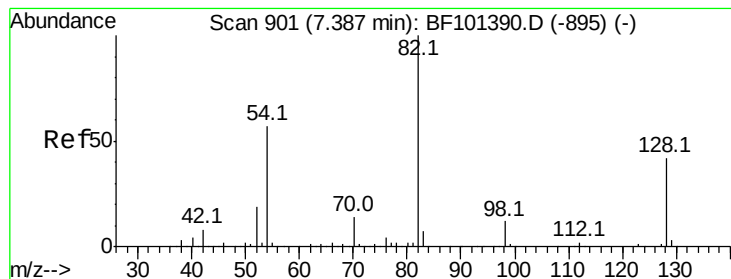
Tot Ion: 70 Resp: 106056
Ion Ratio Lower Upper
70 100
42 49.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF101645.D
Acq: 22 Dec 2017 9:49

Tgt Ion: 136 Resp: 489761
Ion Ratio Lower Upper
136 100
137 10.1 8.9 13.3
54 8.8 6.6 9.8
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.485 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

Instrument :

BNA_F

ClientSampled :

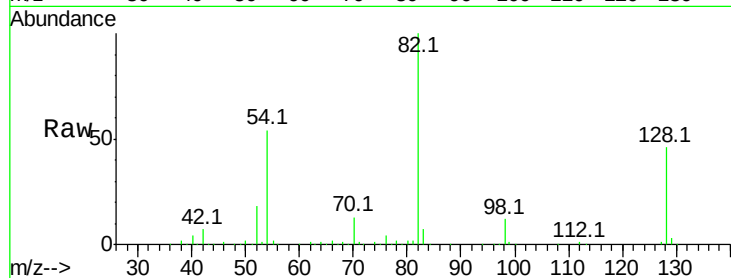
Tot Ion: 82 Resp: 787314

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

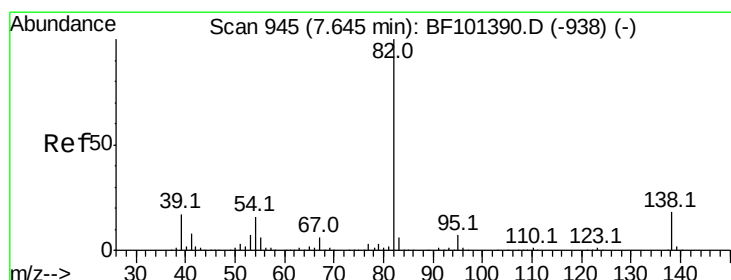
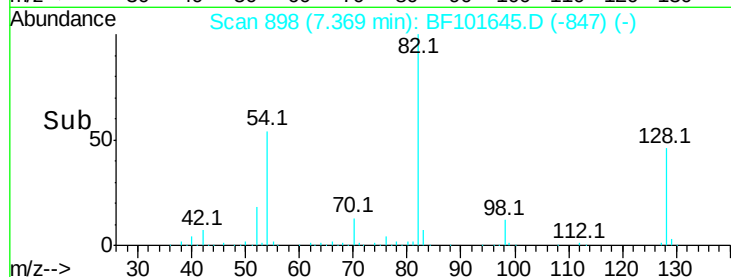
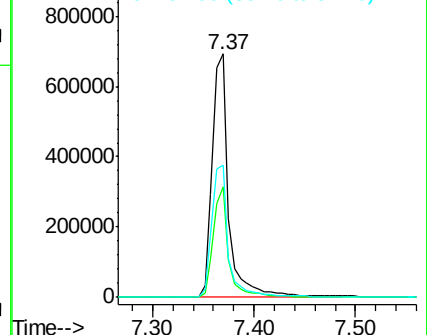
54 54.1 41.4 62.2



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: 44.607 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

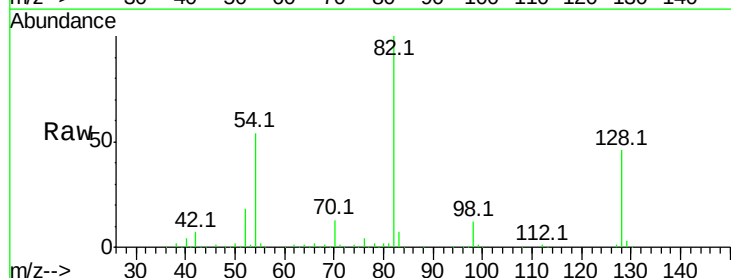
Tgt Ion: 82 Resp: 787314

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

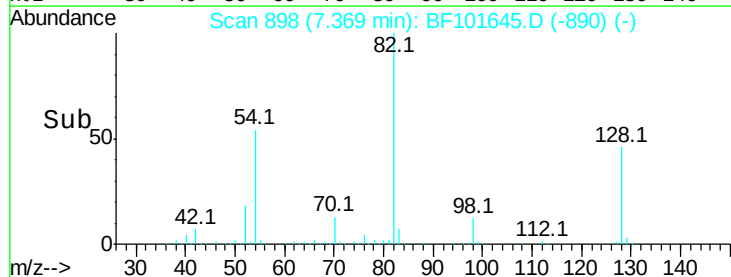
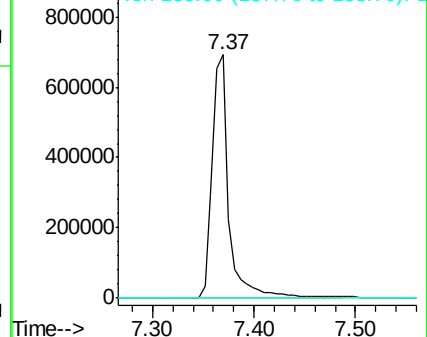
138 0.0 14.9 22.3#

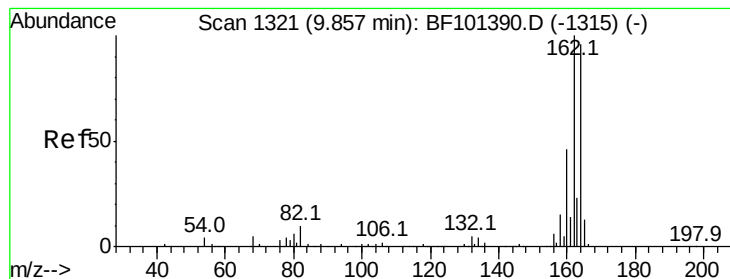


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

Instrument :

BNA_F

ClientSampled :

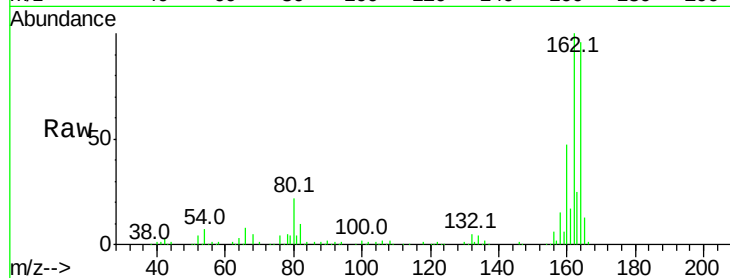
Tot Ion:164 Resp: 180912

Ion Ratio Lower Upper

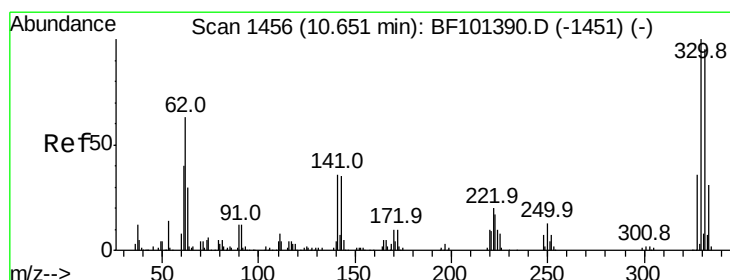
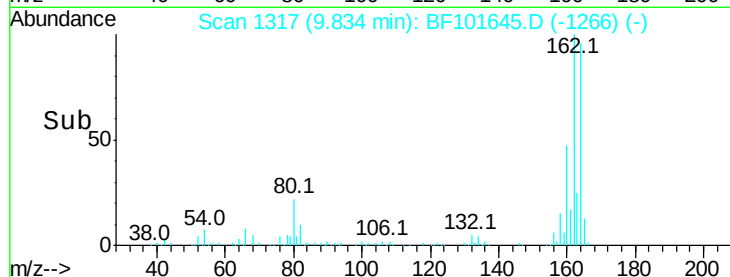
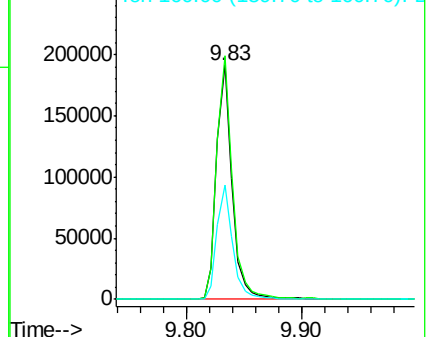
164 100

162 104.0 86.1 129.1

160 48.8 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: 78.504 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

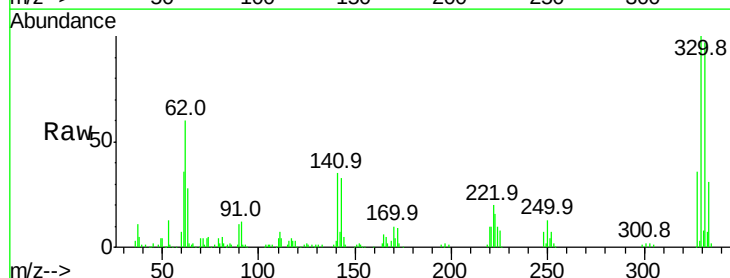
Tgt Ion:330 Resp: 136851

Ion Ratio Lower Upper

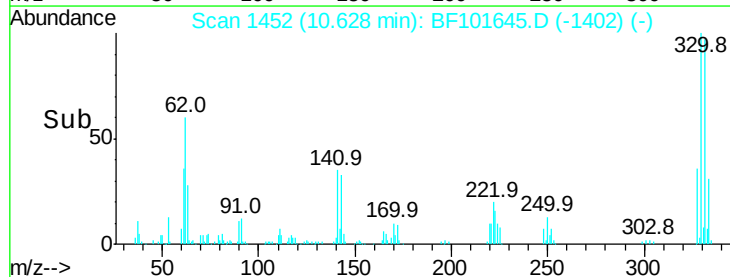
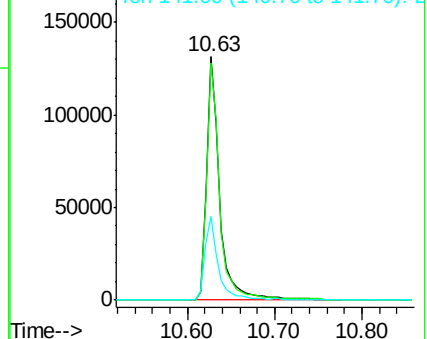
330 100

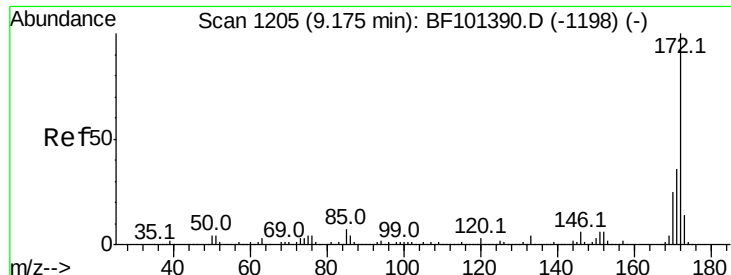
332 97.8 77.0 115.6

141 34.8 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

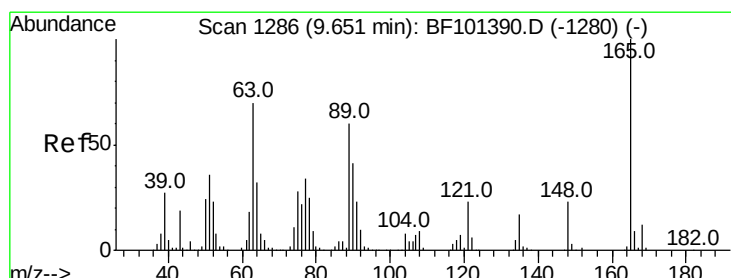
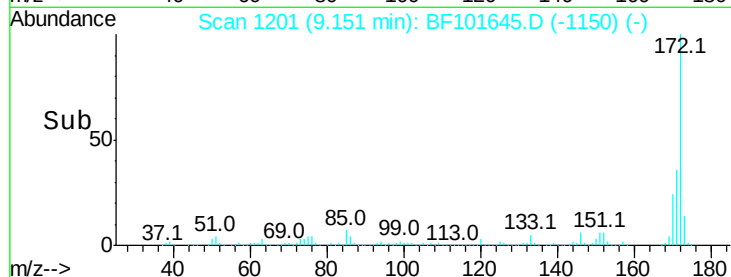
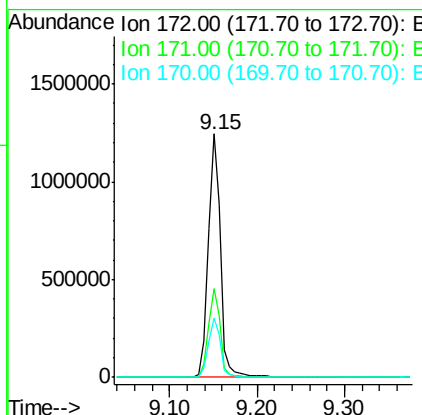
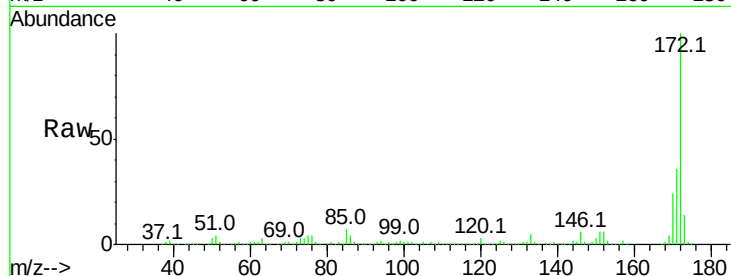




#44
2-Fluorobiphenyl
Concen: 103.432 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF101645.D
Acq: 22 Dec 2017 9:49

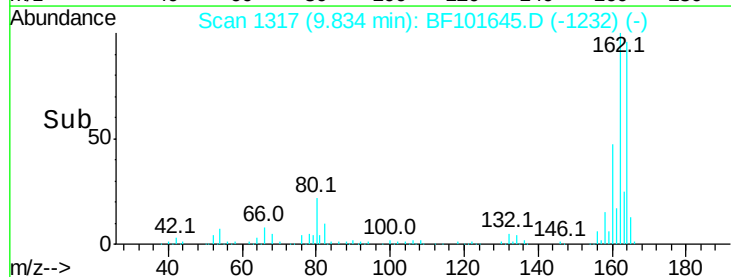
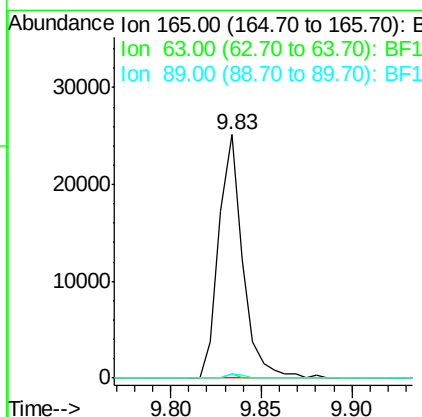
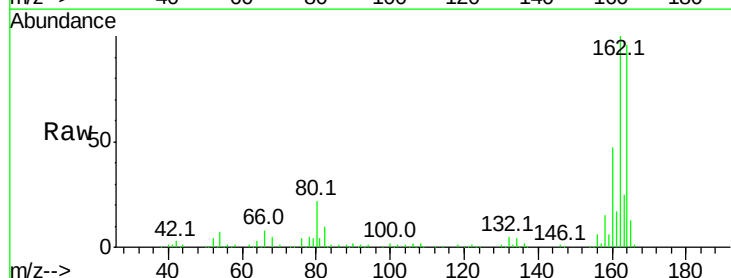
Instrument :
BNA_F
ClientSampleId :

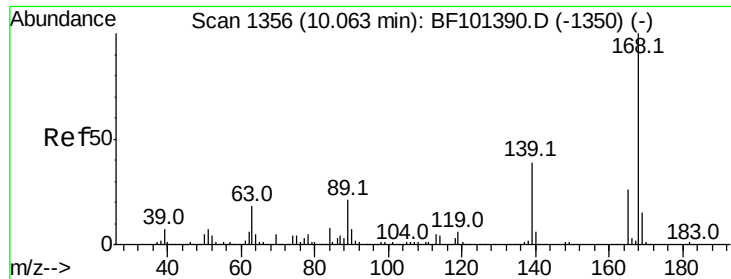
Tot Ion:172 Resp: 1206262
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.6 29.4



#50
2,6-Dinitrotoluene
Concen: 7.820 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.20 min
Lab File: BF101645.D
Acq: 22 Dec 2017 9:49

Tgt Ion:165 Resp: 23128
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.8 44.0 66.0#

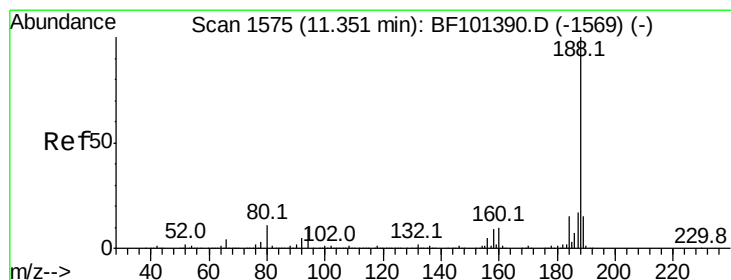
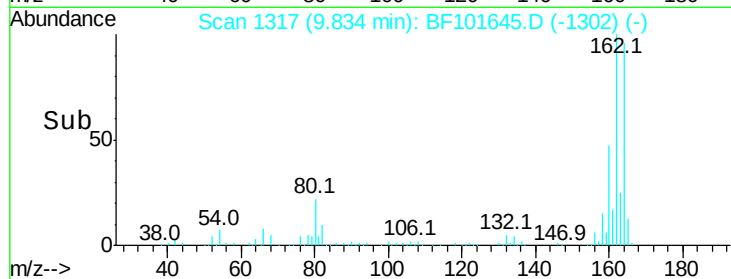
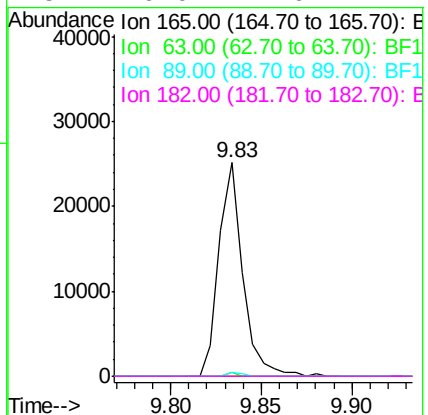
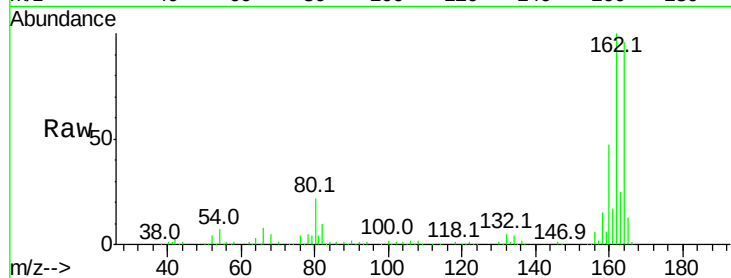




#56
2,4-Dinitrotoluene
Concen: 6.941 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101645.D
Acq: 22 Dec 2017 9:49

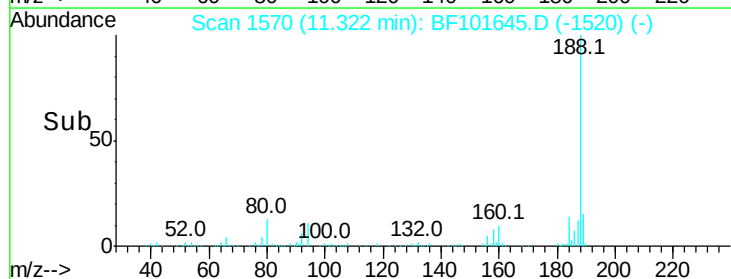
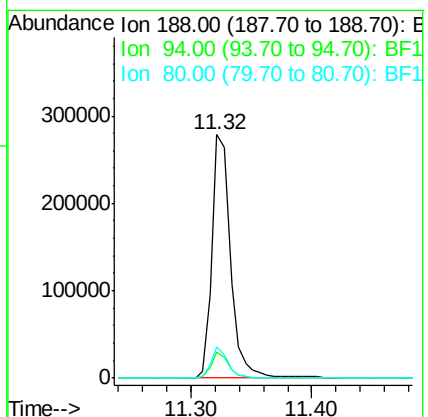
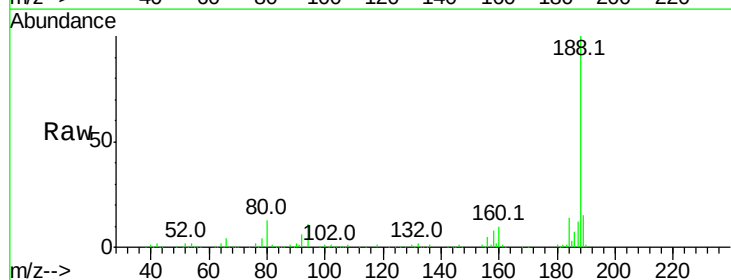
Instrument :
BNA_F
ClientSampleId :

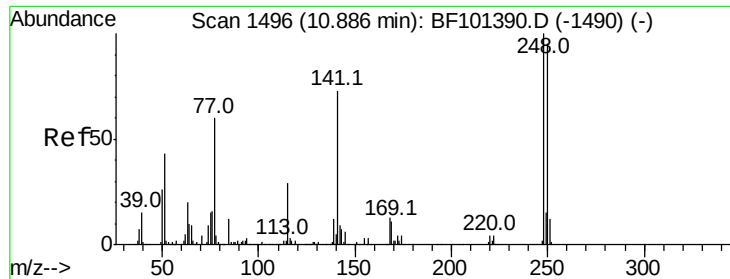
Tot Ion	Ratio	Resp	Lower	Upper
165	100	23128		
63	1.7	36.4	54.6#	
89	1.8	57.8	86.6#	
182	0.0	1.6	2.4#	



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101645.D
Acq: 22 Dec 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	297131		
94	10.8	8.5	12.7	
80	12.6	9.2	13.8	

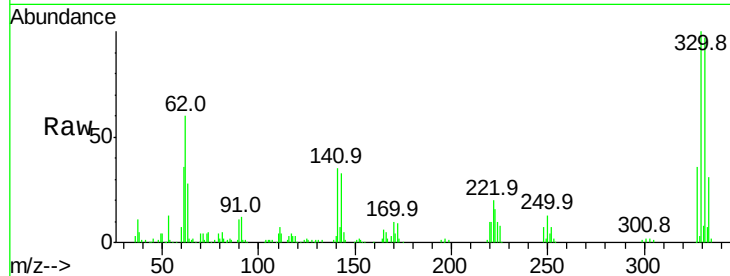




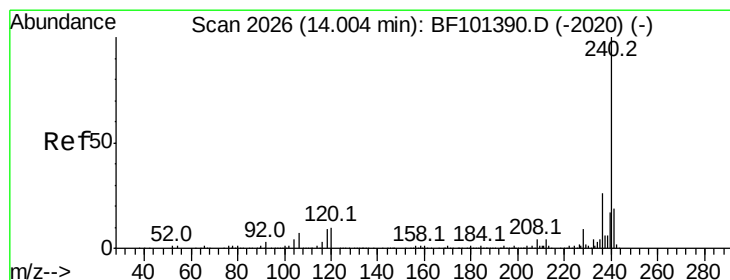
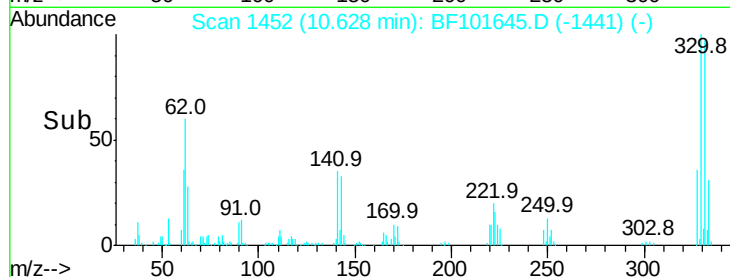
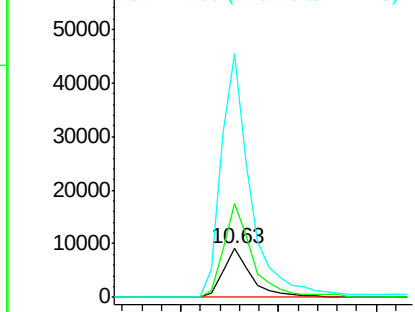
#66
 4-Bromophenyl-phenylether
 Concen: 2.705 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF101645.D
 Acq: 22 Dec 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	194.1	76.9	115.3#
141	502.5	74.4	111.6#

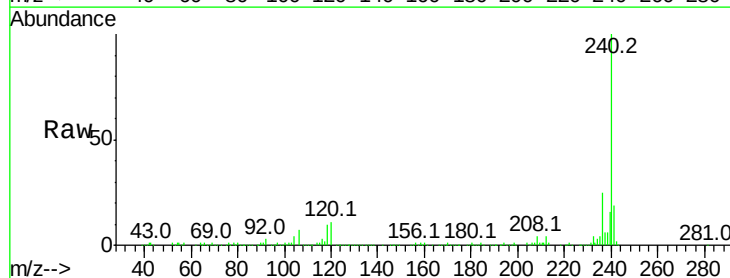


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

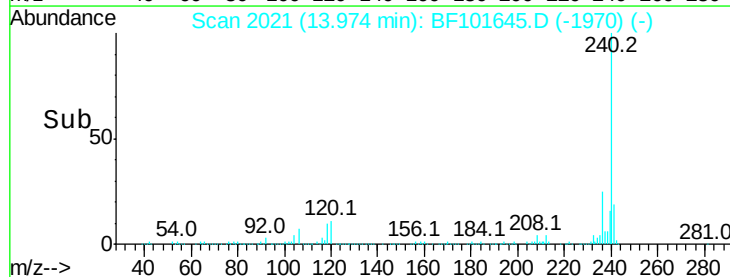
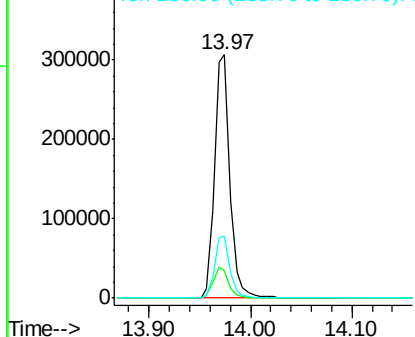


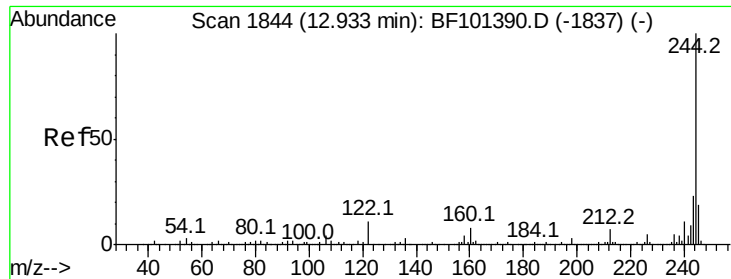
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF101645.D
 Acq: 22 Dec 2017 9:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.2	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: 70.523 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

Instrument :

BNA_F

ClientSampled :

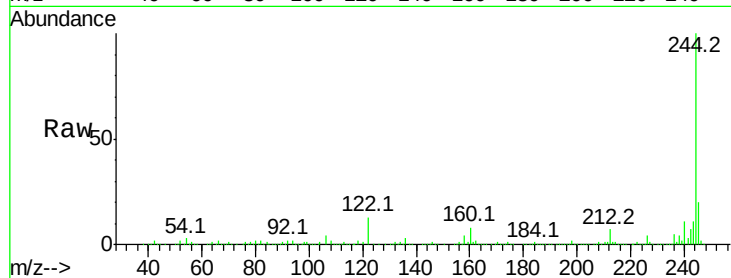
Tot Ion:244 Resp: 948137

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

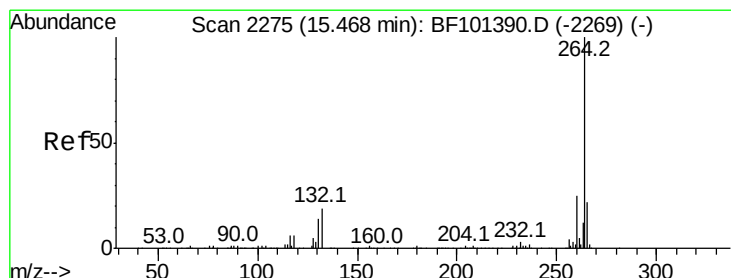
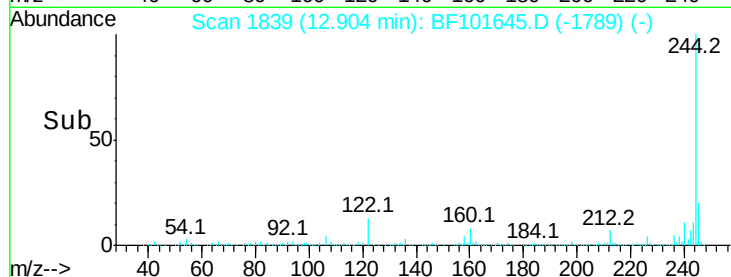
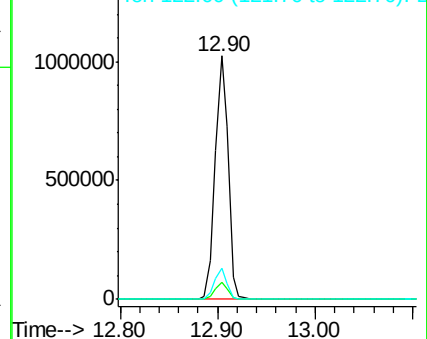
122 12.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

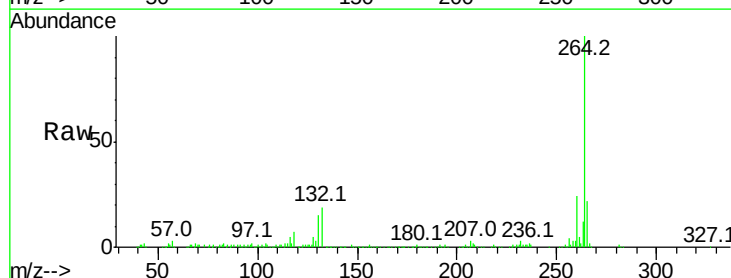
Tgt Ion:264 Resp: 242658

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.5 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

