

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101641.D
 Acq On : 22 Dec 2017 8:01
 Operator : SJ/JU
 Sample : I7008-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 10:23:16 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

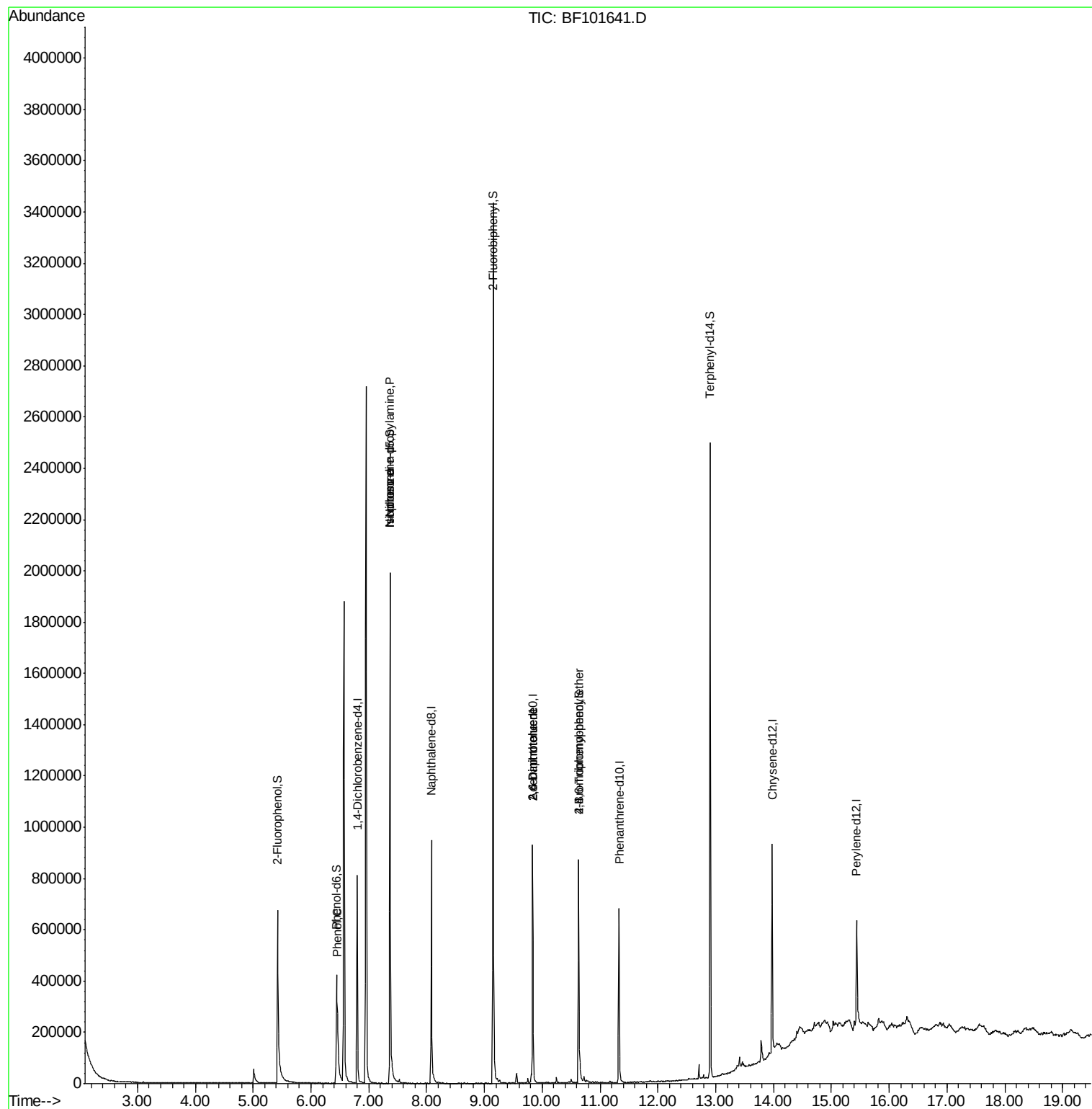
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	127798	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	490020	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	184708	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	276957	20.00	ng	0.00
75) Chrysene-d12	13.97	240	286801	20.00	ng	0.00
86) Perylene-d12	15.44	264	218073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	324746	37.85	ng	0.01
7) Phenol-d6	6.45	99	239969	22.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	731092	83.05	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	119306	67.03	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1166619	97.98	ng	0.00
78) Terphenyl-d14	12.90	244	827000	69.52	ng	0.00
Target Compounds						
10) Phenol	6.46	94	26012	2.137	ng	# 61
19) n-Nitroso-di-n-propylamine	7.37	70	96878	13.816	ng	# 80
25) Isophorone	7.37	82	731465	41.421	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	23279	7.709	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	23279	6.842	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	7338	2.358	ng	# 1

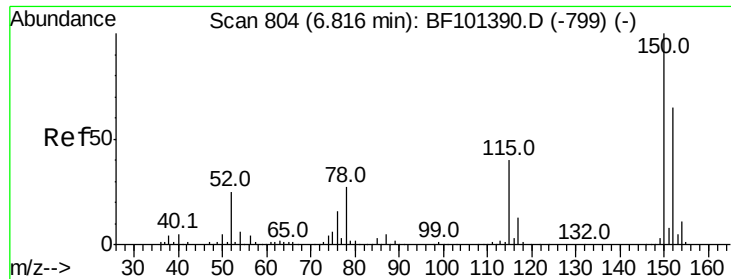
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101641.D
Acq On : 22 Dec 2017 8:01
Operator : SJ/JU
Sample : I7008-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 22 10:23:16 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



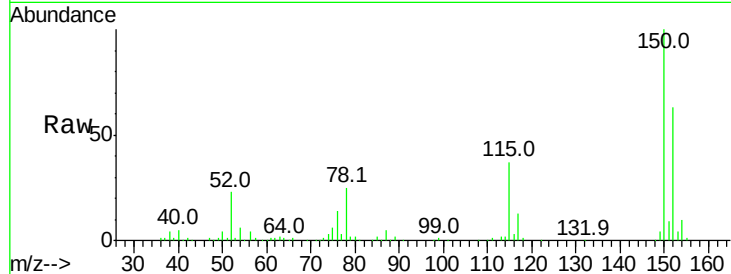


#1

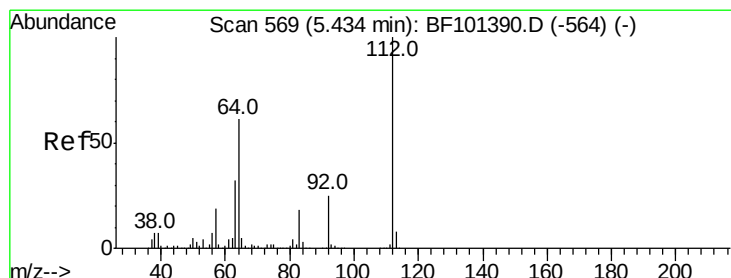
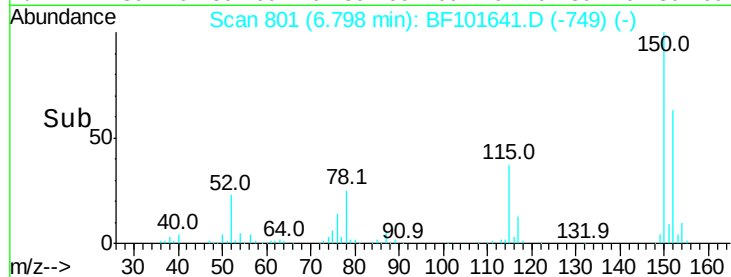
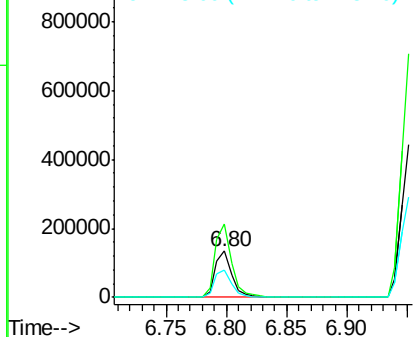
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127798
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 58.8 50.1 75.1



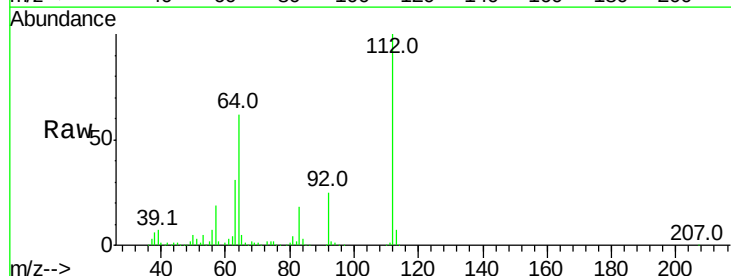
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



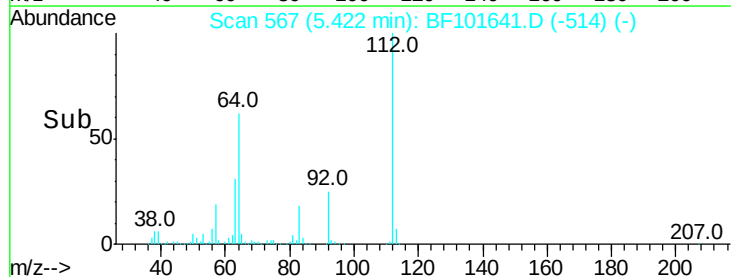
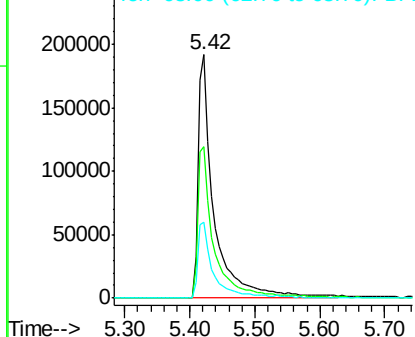
#5

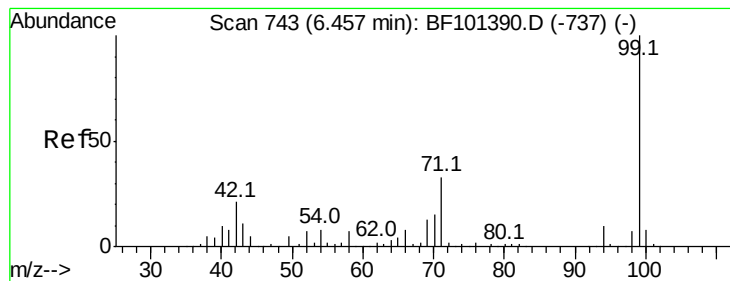
2-Fluorophenol
Concen: 37.852 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion:112 Resp: 324746
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 31.0 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: 22.474 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101641.D

Acq: 22 Dec 2017 8:01

Instrument :

BNA_F

ClientSampleId :

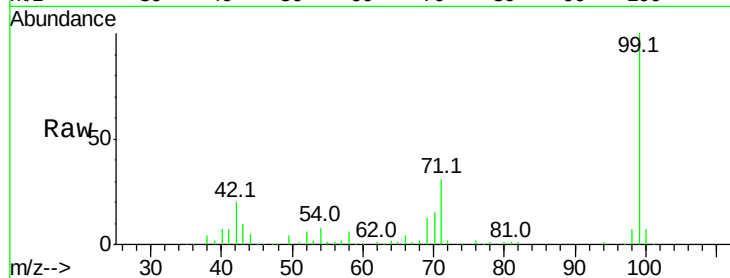
Tot Ion: 99 Resp: 239969

Ion Ratio Lower Upper

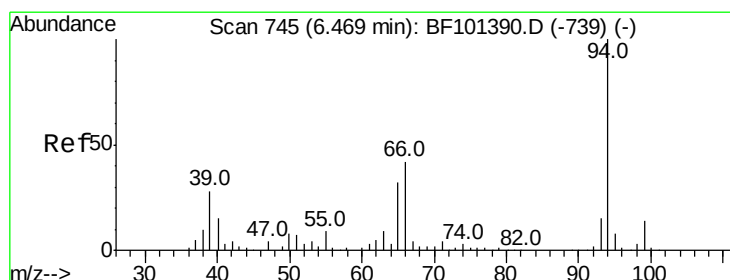
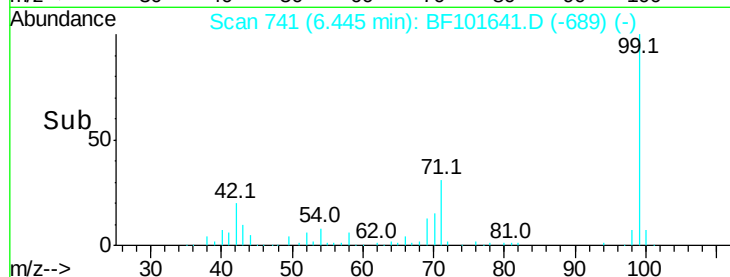
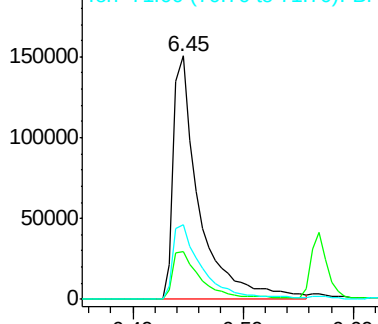
99 100

42 19.8 14.5 21.7

71 30.7 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: 2.137 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101641.D

Acq: 22 Dec 2017 8:01

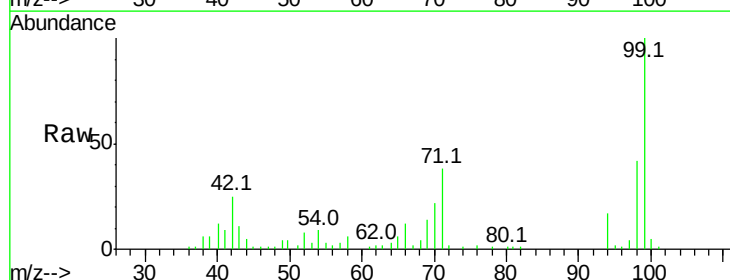
Tgt Ion: 94 Resp: 26012

Ion Ratio Lower Upper

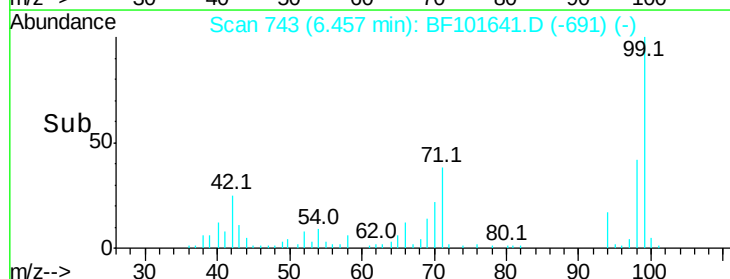
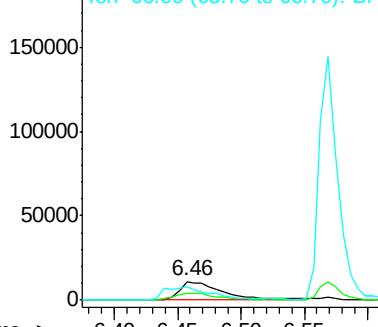
94 100

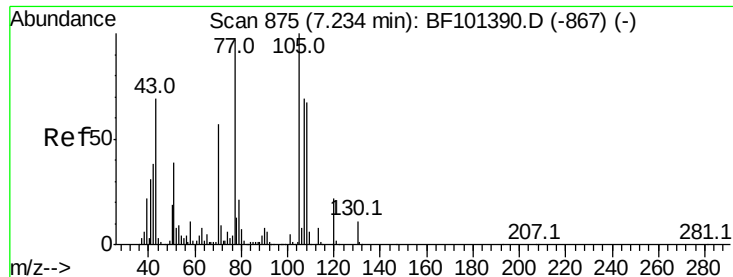
65 35.9 7.9 47.9

66 69.7 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: 13.816 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF101641.D

Acq: 22 Dec 2017 8:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 96878

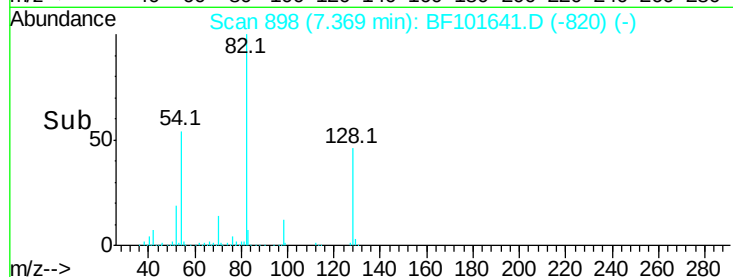
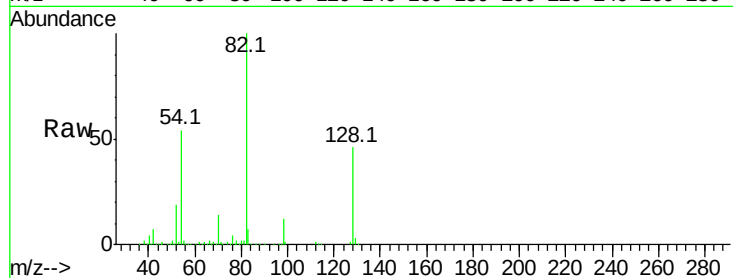
Ion Ratio Lower Upper

70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



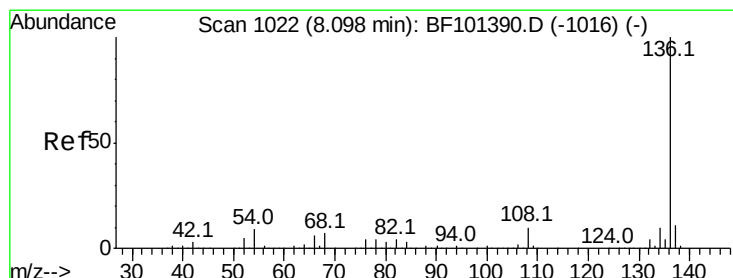
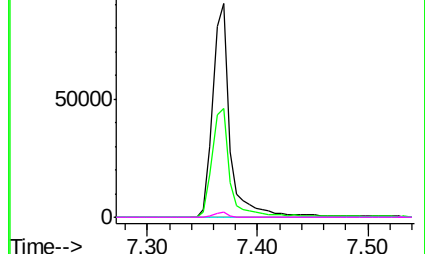
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

7.37



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF101641.D

Acq: 22 Dec 2017 8:01

Tgt Ion: 136 Resp: 490020

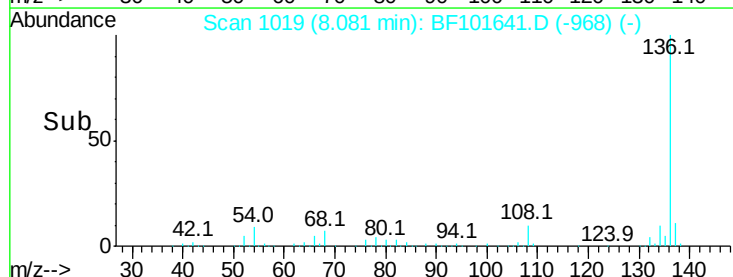
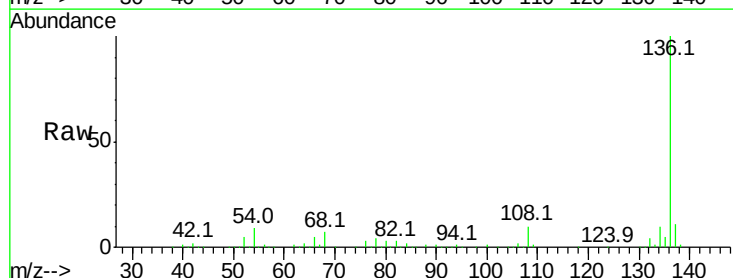
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.6 6.6 9.8

68 6.7 5.0 7.4



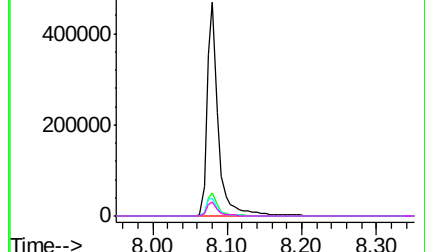
Abundance Ion 136.00 (135.70 to 136.70): BF1

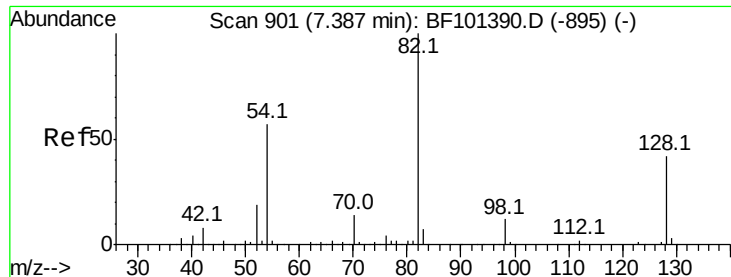
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.08

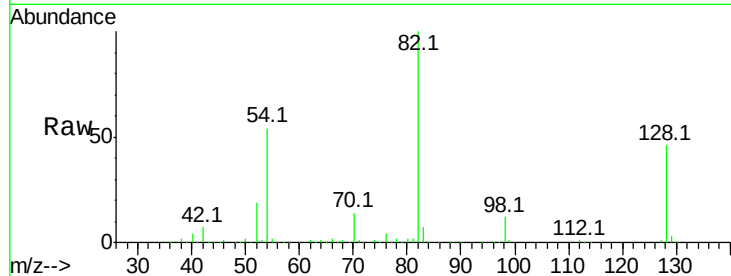




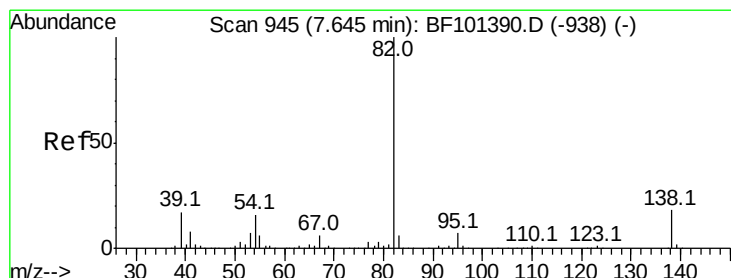
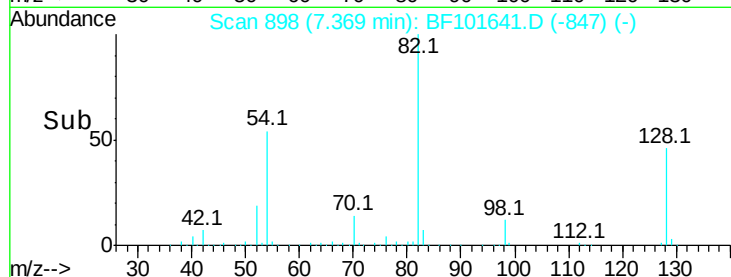
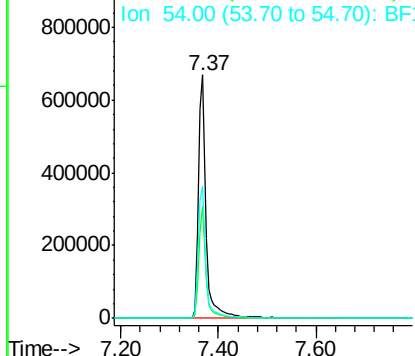
#23
 Nitrobenzene-d5
 Concen: 83.051 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	731092
Ion Ratio	100	Lower	Upper
128	45.9	36.1	54.1
54	54.2	41.4	62.2

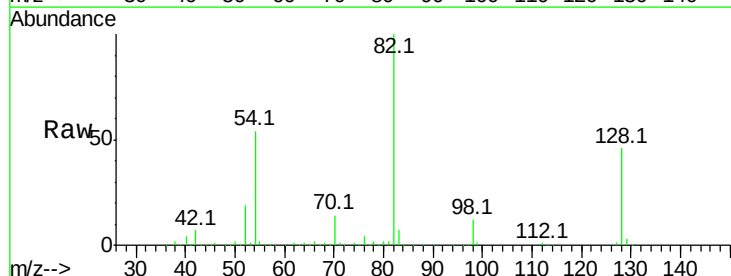


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

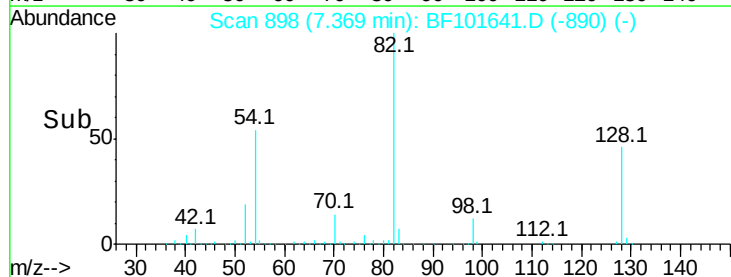
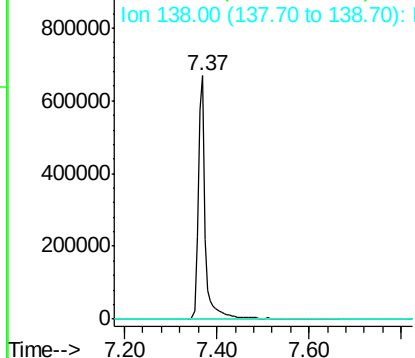


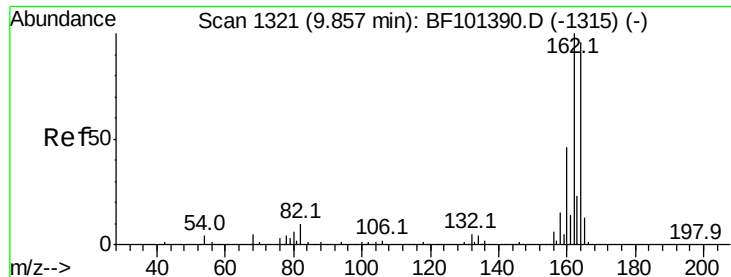
#25
 Isophorone
 Concen: 41.421 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.25 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Tgt Ion	82	Resp	731465
Ion Ratio	100	Lower	Upper
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

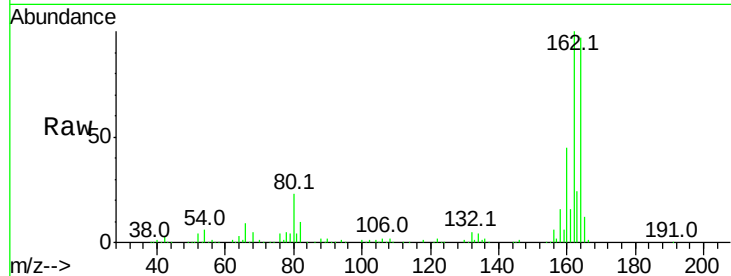




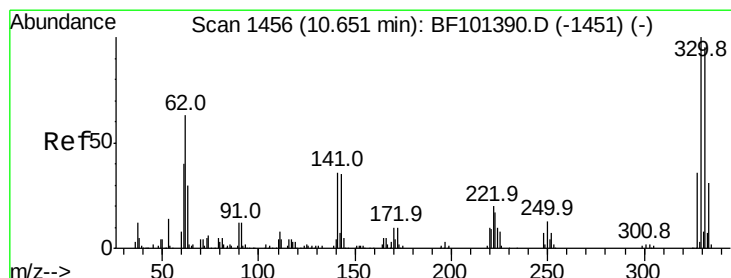
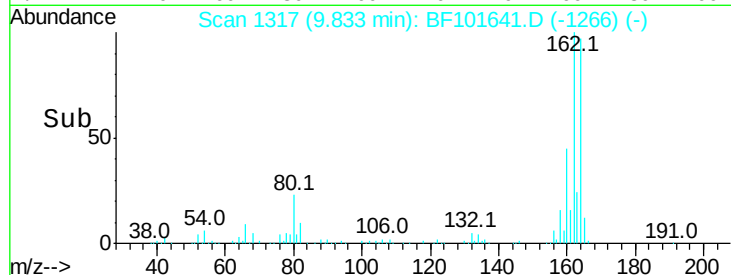
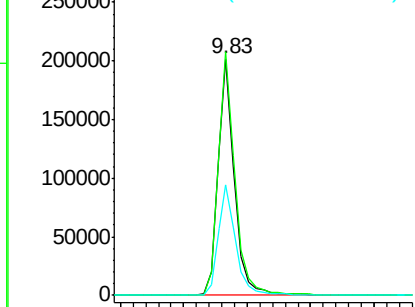
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.9	38.3	57.5

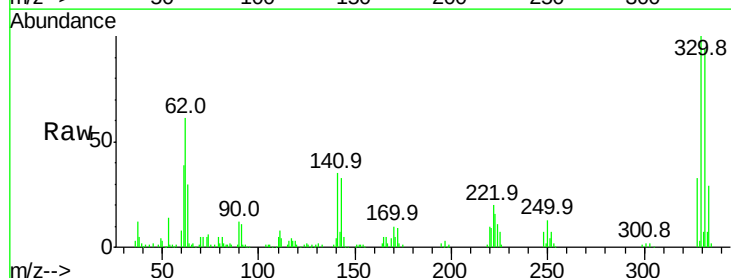


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

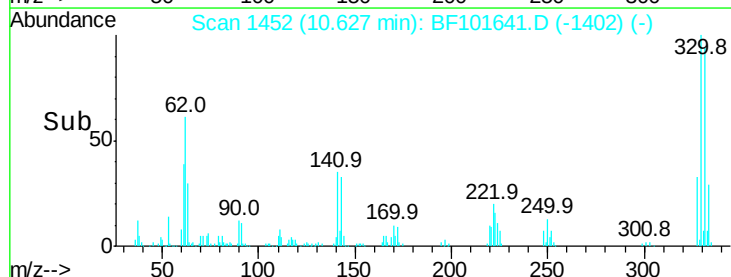
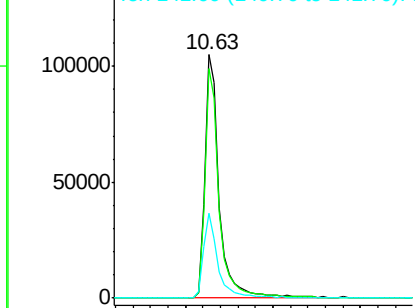


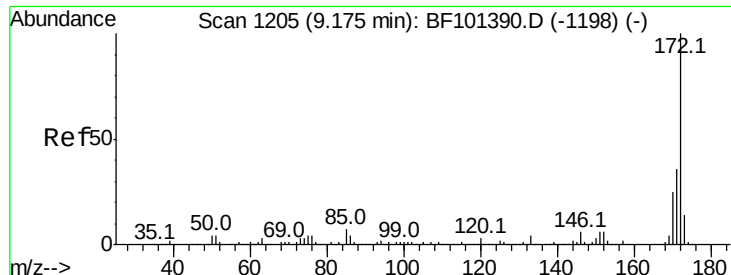
#41
 2,4,6-Tribromophenol
 Concen: 67.033 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	35.1	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



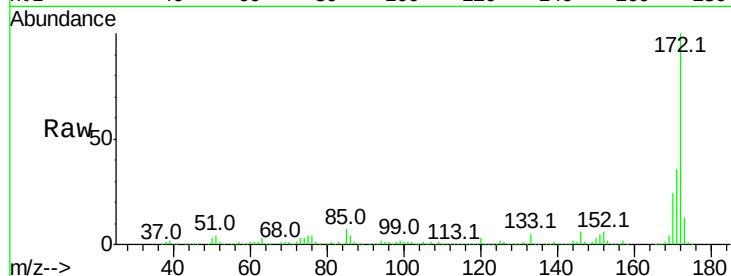


#44
 2-Fluorobiphenyl
 Concen: 97.977 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

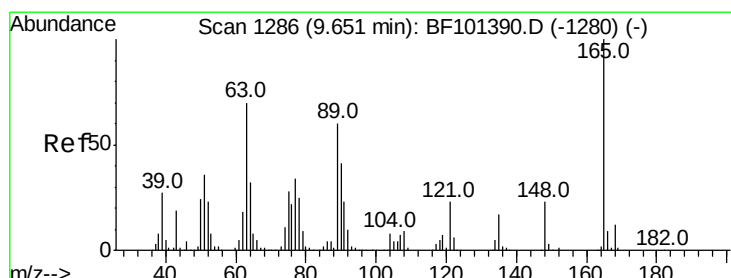
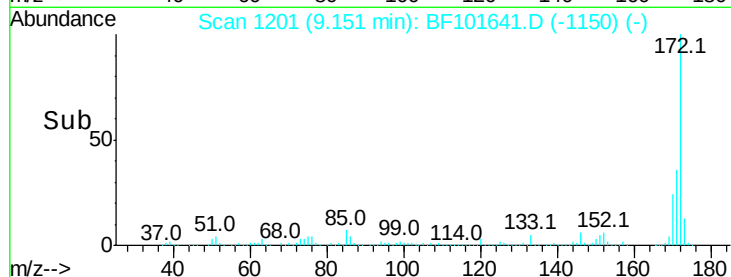
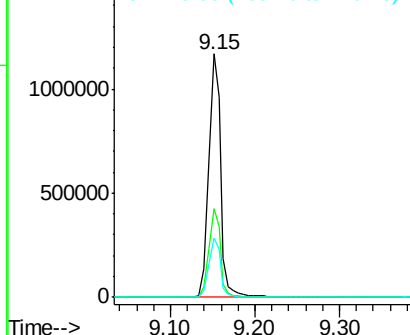
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1166619

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4



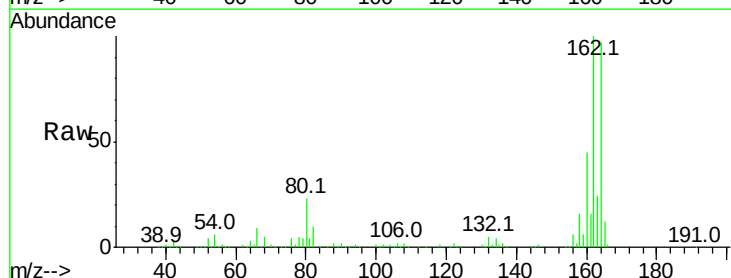
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



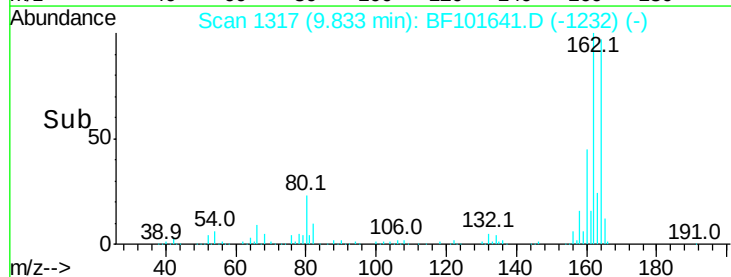
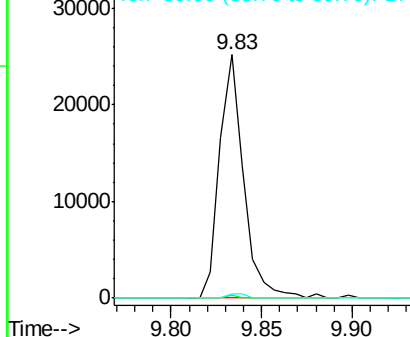
#50
 2,6-Dinitrotoluene
 Concen: 7.709 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

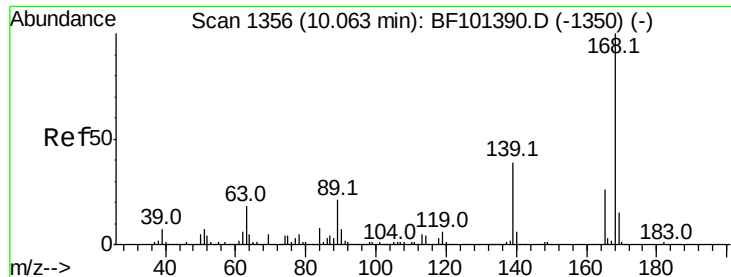
Tgt Ion:165 Resp: 23279

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.9	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

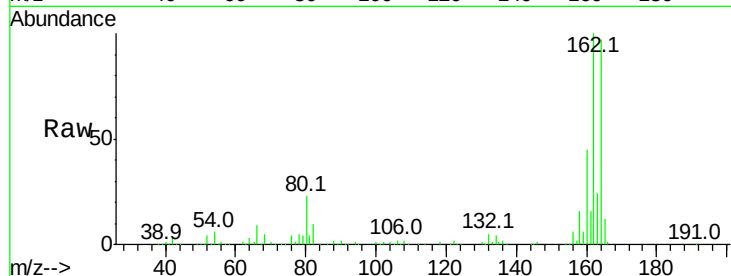




#56
 2,4-Dinitrotoluene
 Concen: 6.842 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

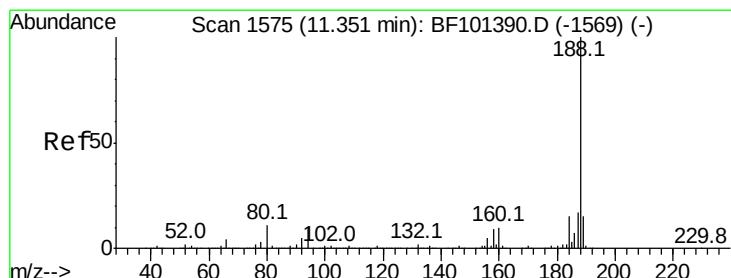
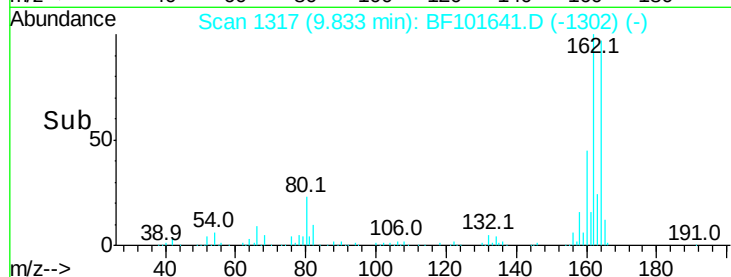
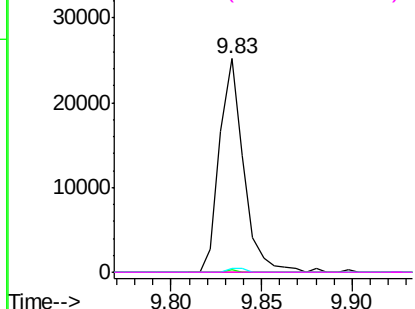


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

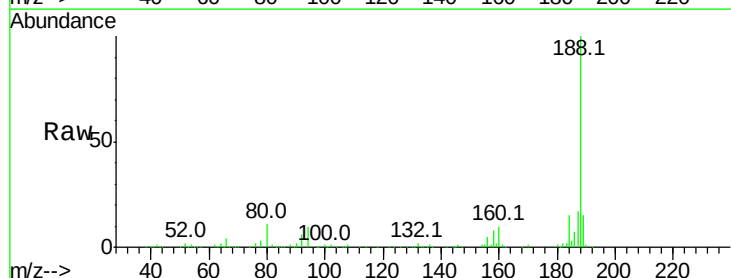
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

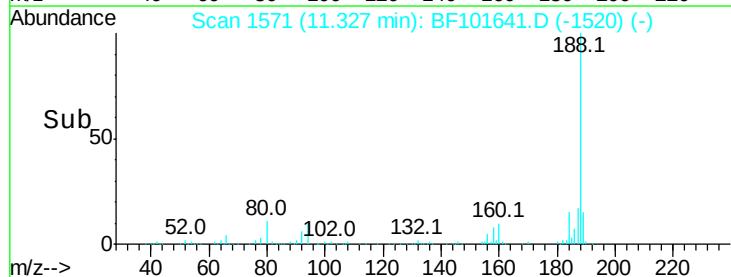
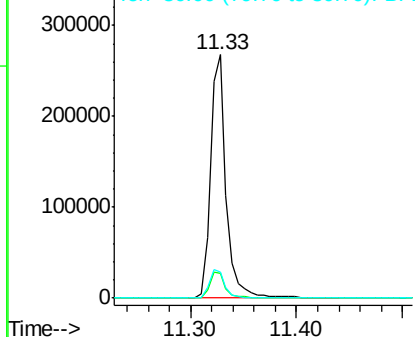
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.9	9.2	13.8

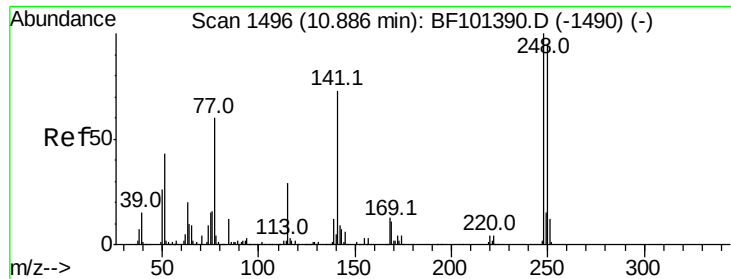


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

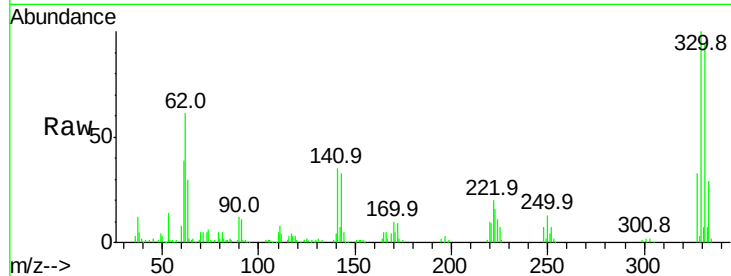




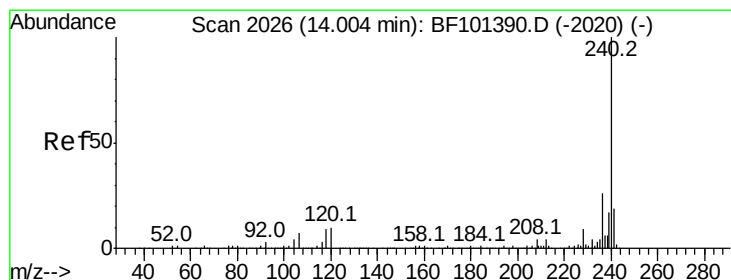
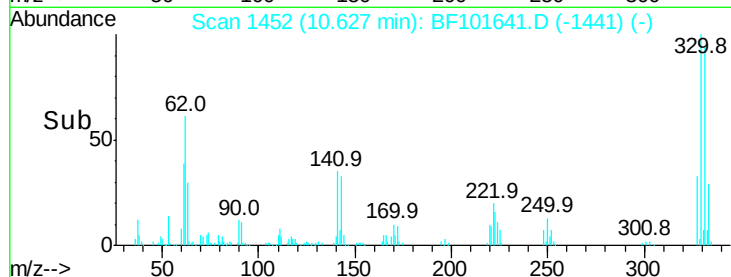
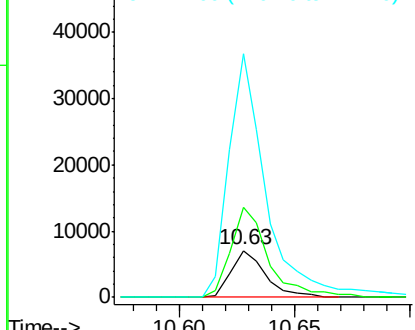
#66
 4-Bromophenyl-phenylether
 Concen: 2.358 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7338
 Ion Ratio Lower Upper
 248 100
 250 192.6 76.9 115.3#
 141 520.2 74.4 111.6#

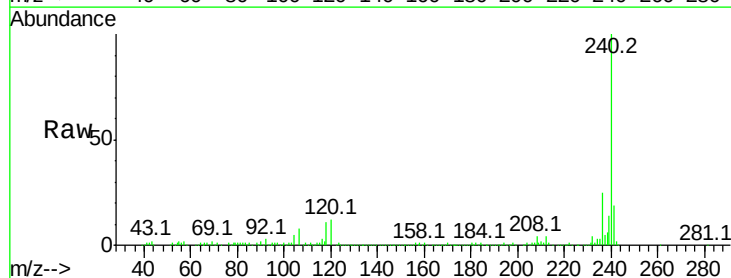


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

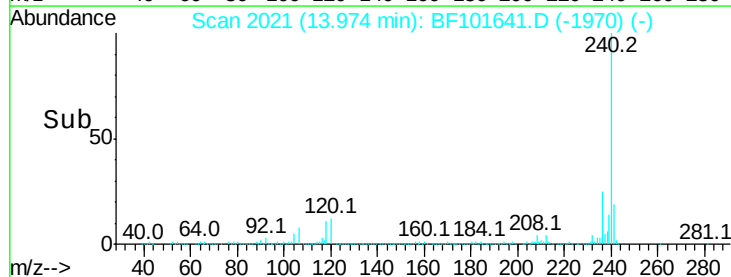
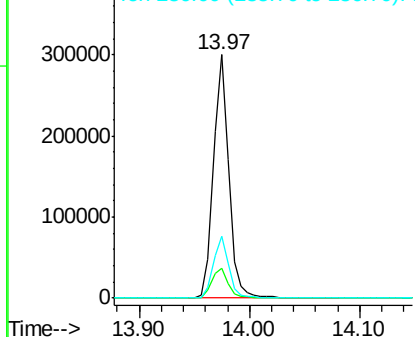


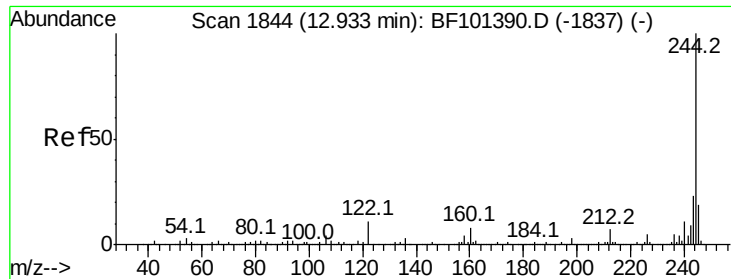
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Tgt Ion:240 Resp: 286801
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.5 14.3
 236 25.3 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: 69.515 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101641.D

Acq: 22 Dec 2017 8:01

Instrument :

BNA_F

ClientSampleId :

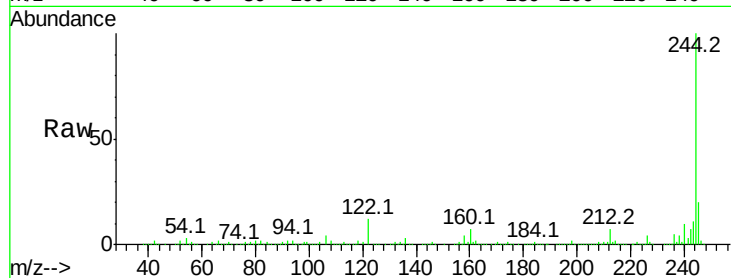
Tot Ion:244 Resp: 827000

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

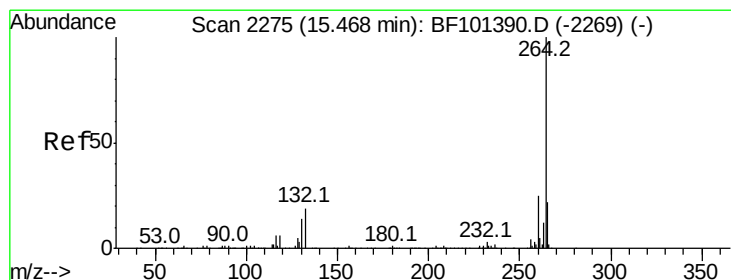
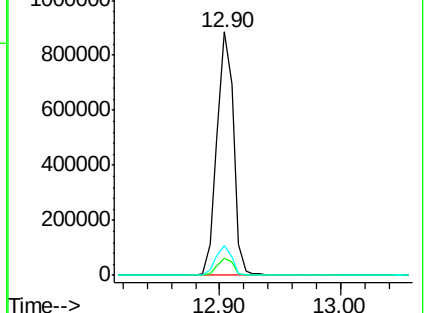
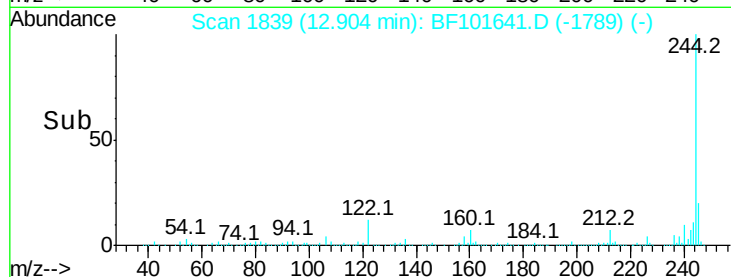
122 12.3 11.0 16.4



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: BF101641.D

Acq: 22 Dec 2017 8:01

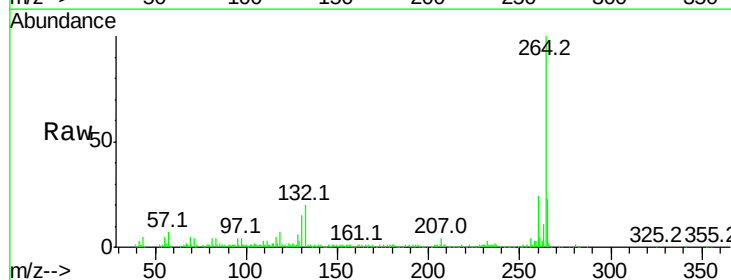
Tgt Ion:264 Resp: 218073

Ion Ratio Lower Upper

264 100

260 24.0 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

