

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101769.D
 Acq On : 27 Dec 2017 18:22
 Operator : SJ/JU
 Sample : I6685-09 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:05:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

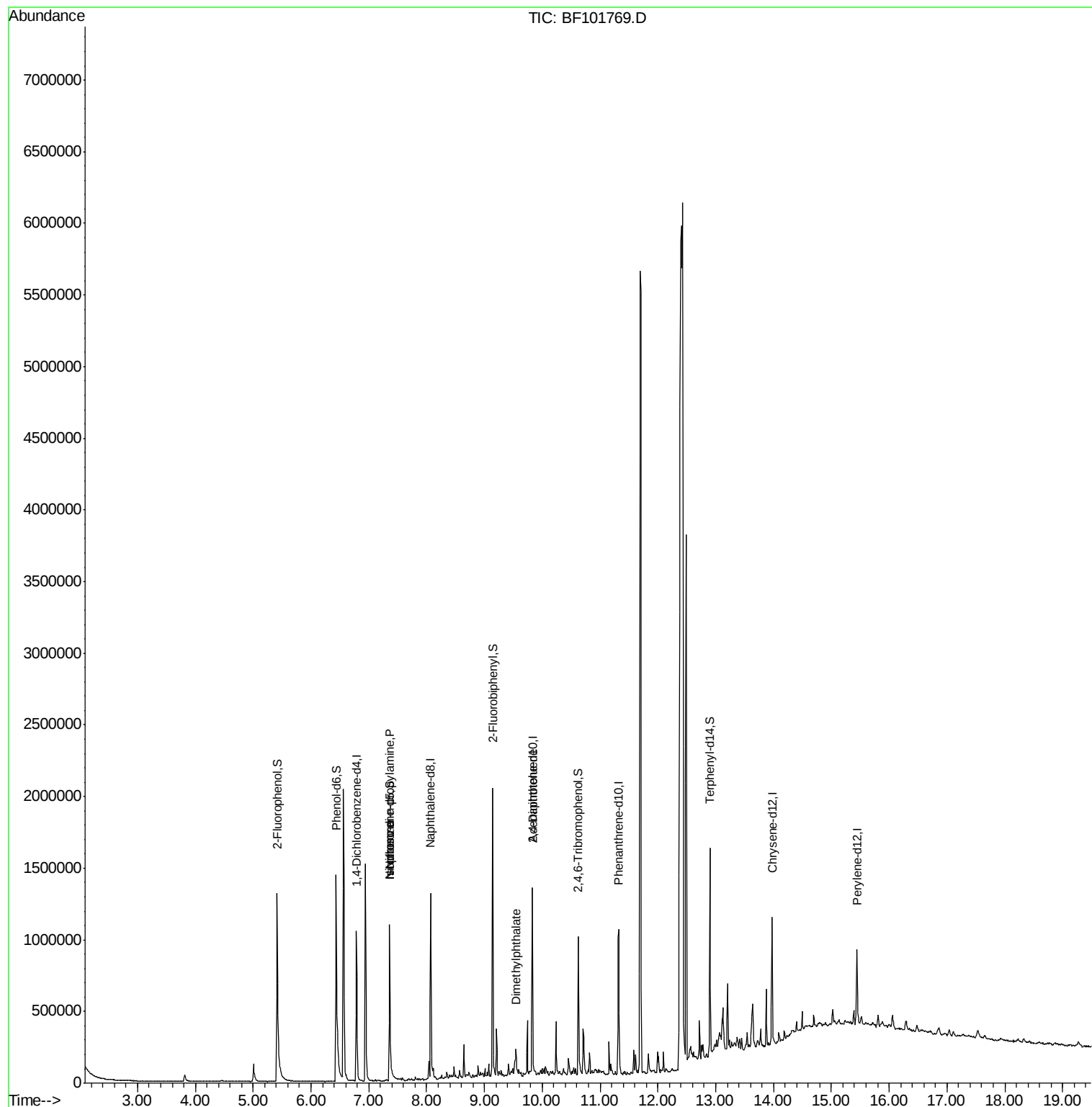
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	167466	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	644200	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	263337	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	411367	20.00	ng	0.00
75) Chrysene-d12	13.97	240	316620	20.00	ng	0.00
86) Perylene-d12	15.44	264	286120	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	619064	55.06	ng	0.00
7) Phenol-d6	6.43	99	761712	54.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	455861	39.39	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	131561	51.85	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	705605	41.57	ng	0.00
78) Terphenyl-d14	12.90	244	491255	37.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	61487	6.692	ng	# 83
25) Isophorone	7.36	82	455861	19.636	ng	# 64
49) Dimethylphthalate	9.55	163	66859	3.156	ng	99
56) 2,4-Dinitrotoluene	9.83	165	33923	6.994	ng	# 24

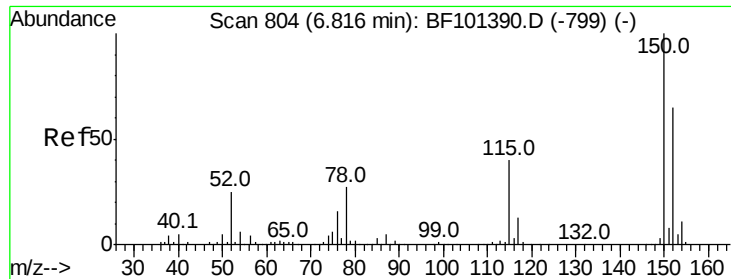
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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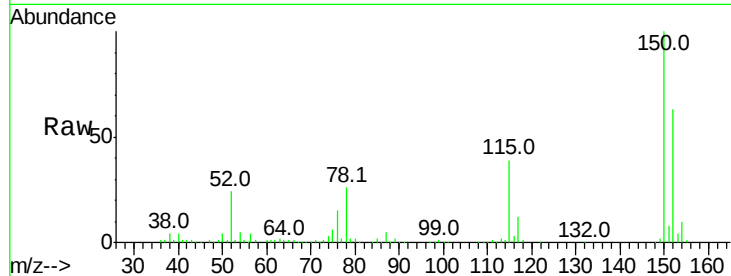


#1

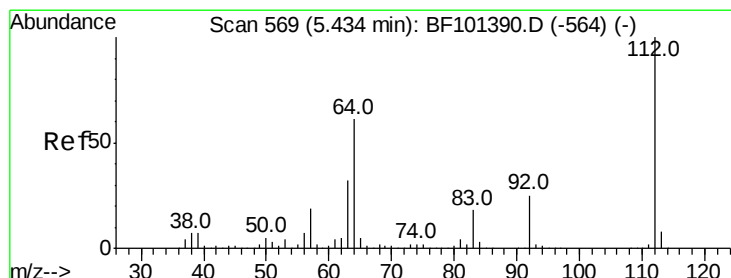
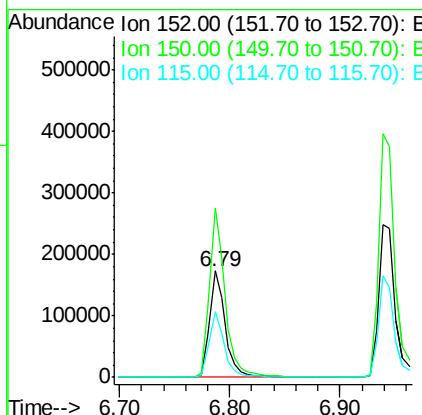
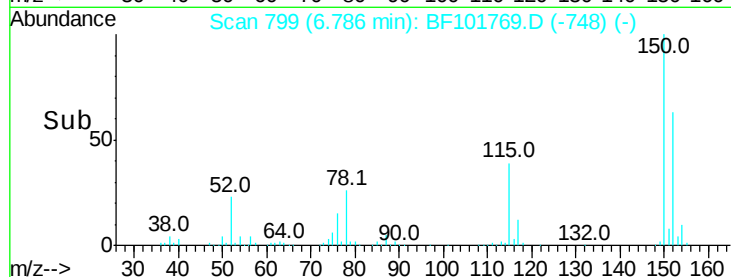
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167466
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 61.8 50.1 75.1



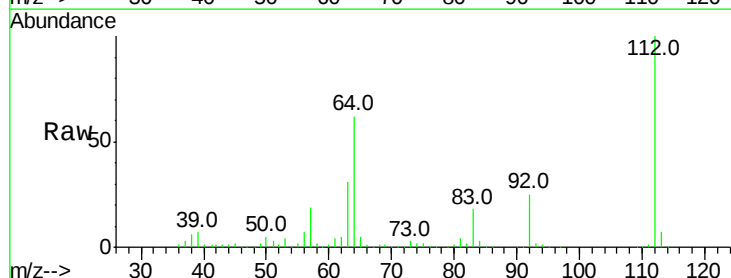
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



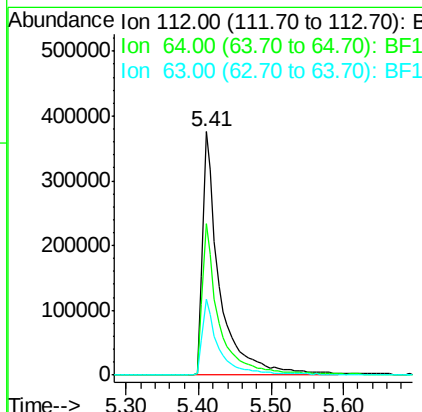
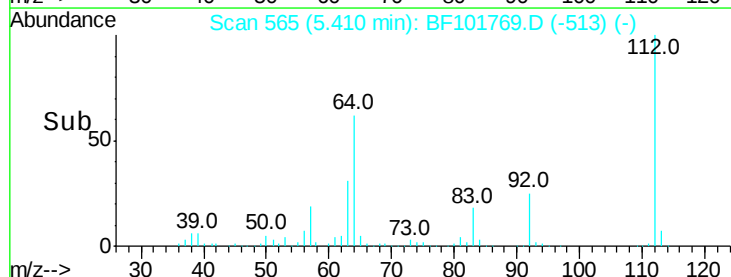
#5

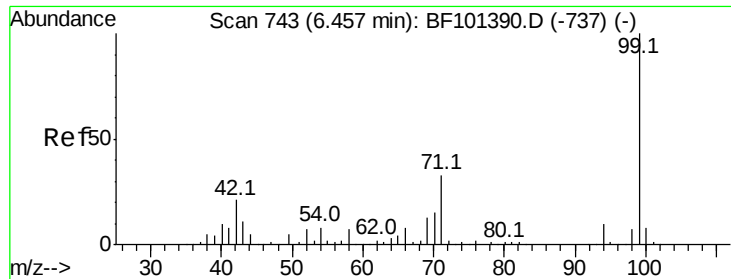
2-Fluorophenol
Concen: 55.065 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

Tgt Ion:112 Resp: 619064
Ion Ratio Lower Upper
112 100
64 62.1 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: 54.440 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

Instrument :

BNA_F

ClientSampleId :

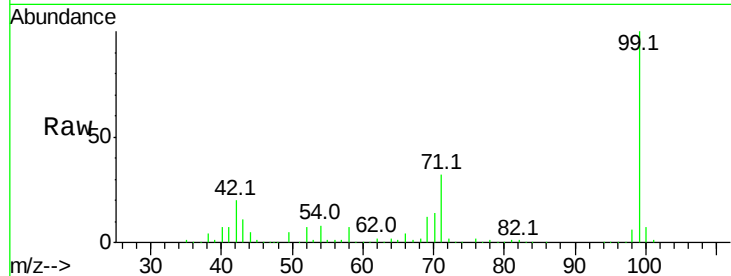
Tot Ion: 99 Resp: 761712

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

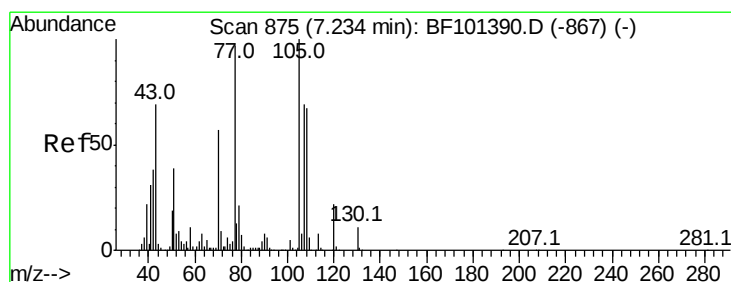
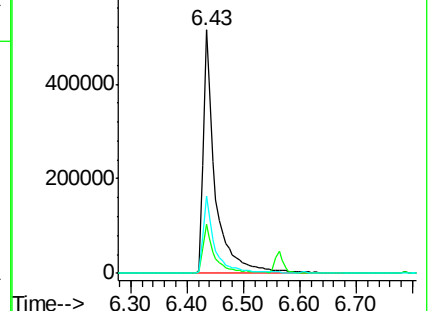
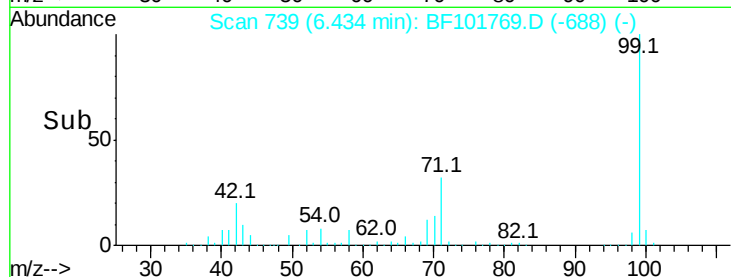
71 32.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.692 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

Tgt Ion: 70 Resp: 61487

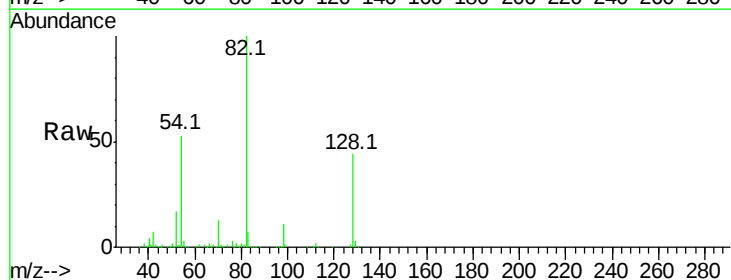
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

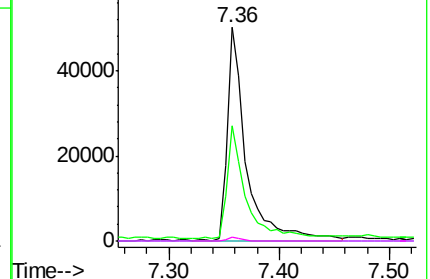
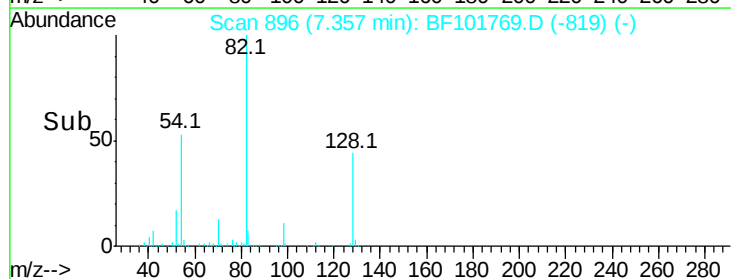


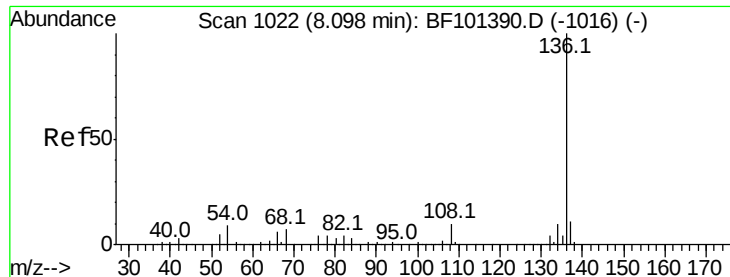
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

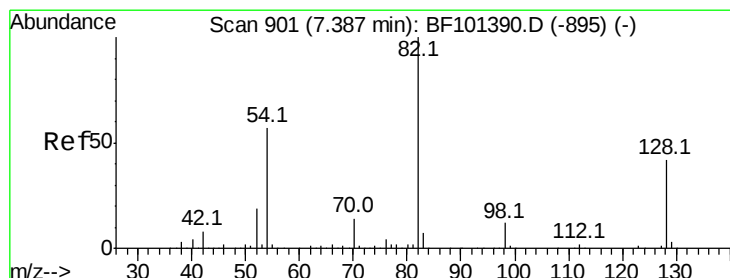
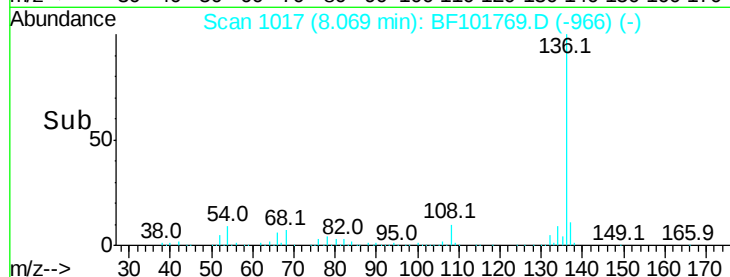
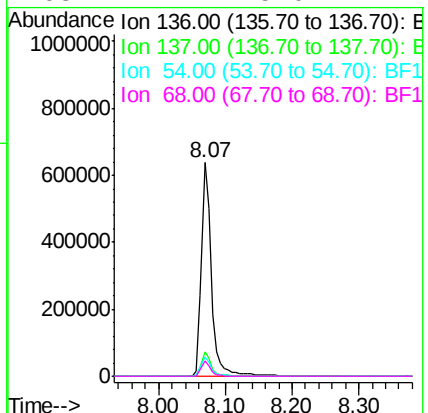
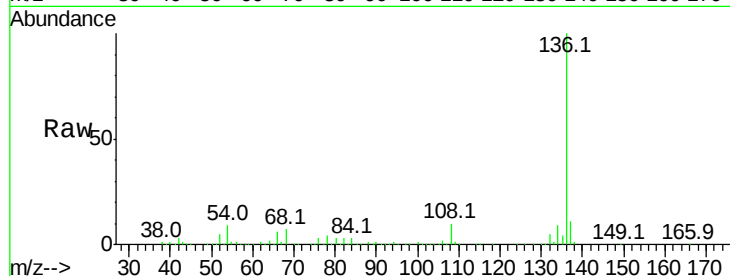




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

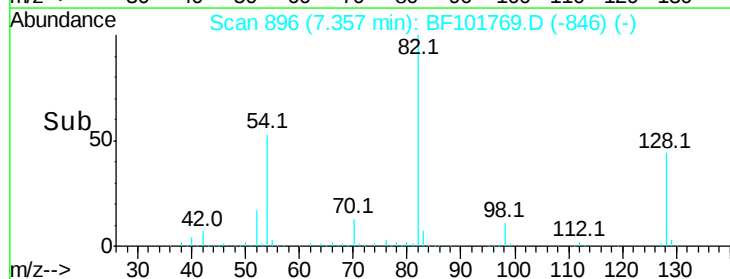
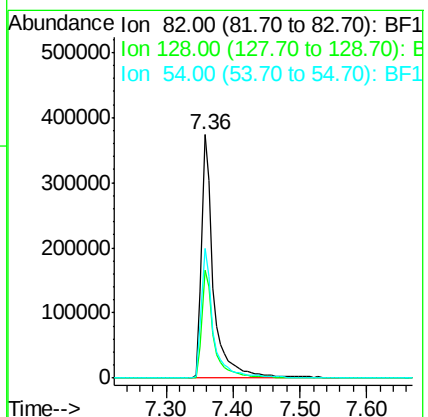
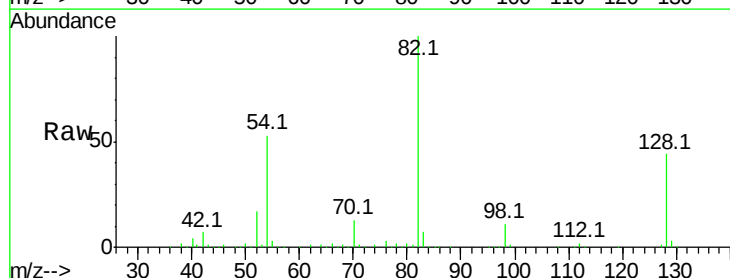
Instrument :
BNA_F
ClientSampleId :

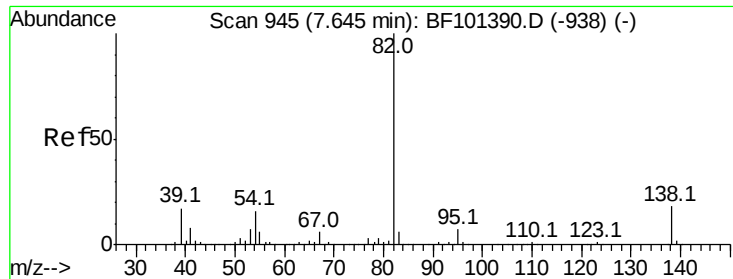
Tot Ion:136	Resp: 644200
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 9.3	6.6 9.8
68 7.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 39.391 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

Tgt	Ion: 82	Resp:	455861
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	53.4	41.4	62.2





#25

Isophorone

Concen: 19.636 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

Instrument :

BNA_F

ClientSampleId :

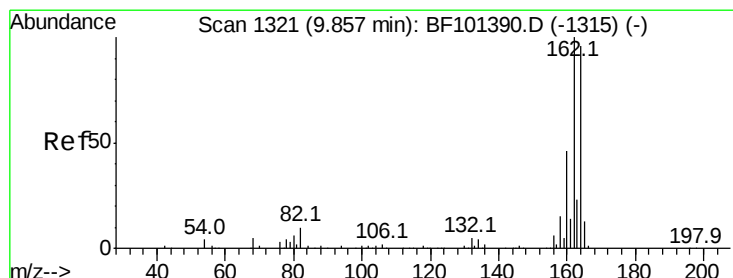
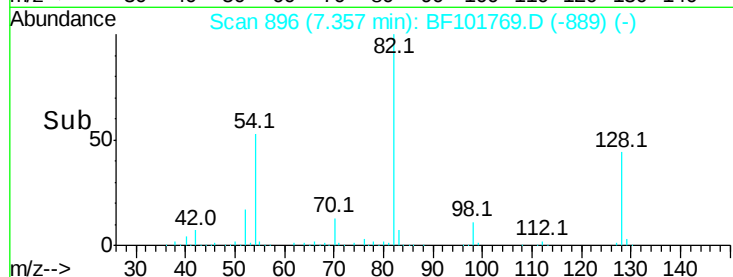
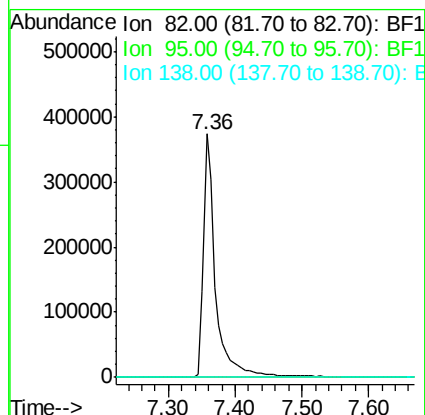
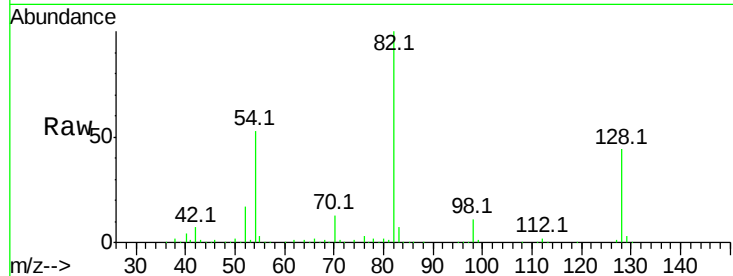
Tot Ion: 82 Resp: 455861

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

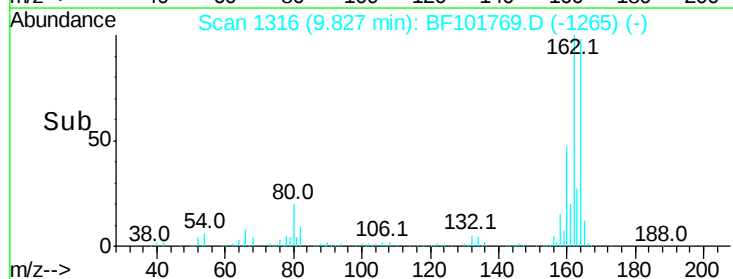
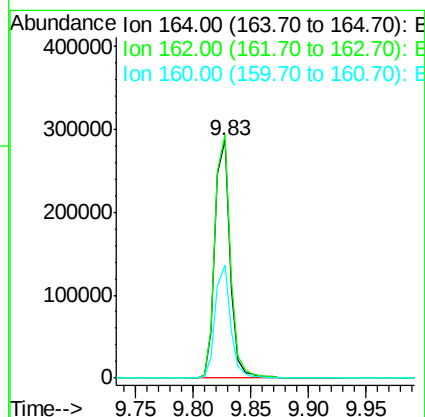
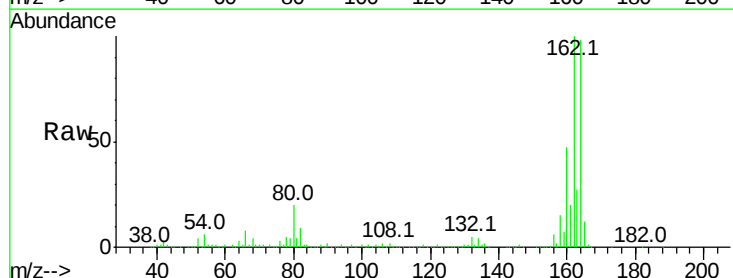
Tgt Ion: 164 Resp: 263337

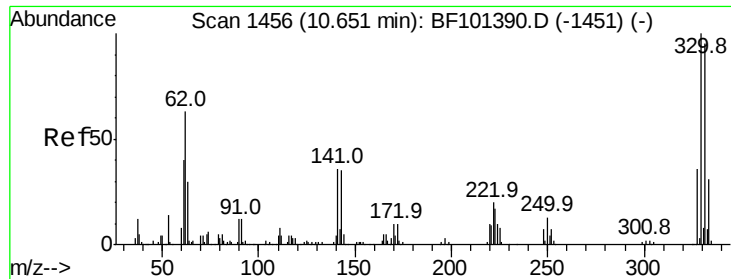
Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

160 47.7 38.3 57.5

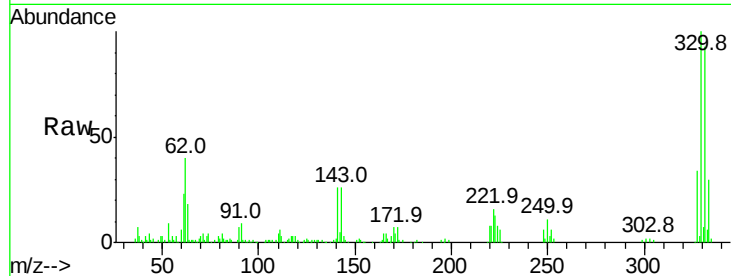




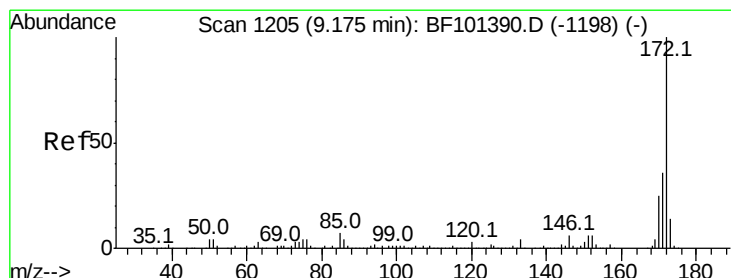
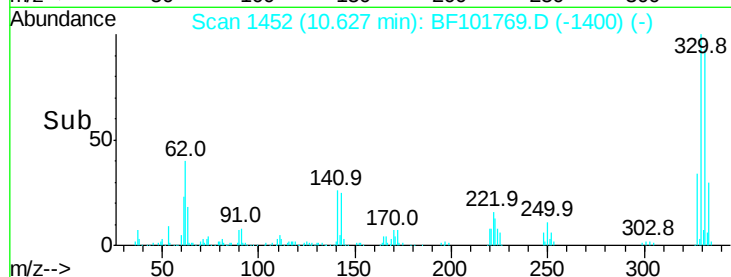
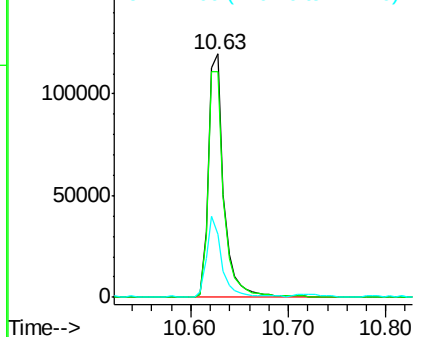
#41
 2,4,6-Tribromophenol
 Concen: 51.848 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101769.D
 Acq: 27 Dec 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 131561
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.3 29.9 44.9

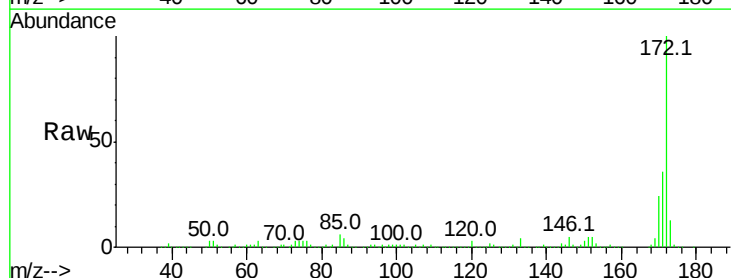


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

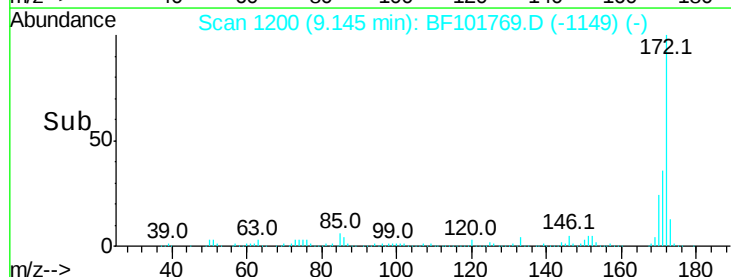
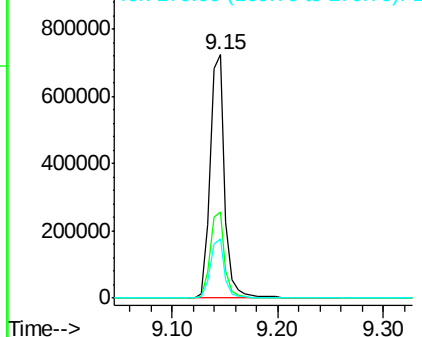


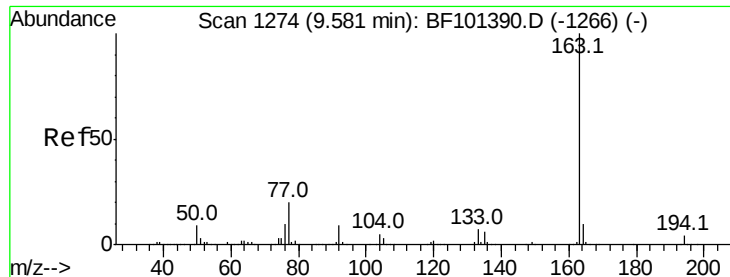
#44
 2-Fluorobiphenyl
 Concen: 41.565 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101769.D
 Acq: 27 Dec 2017 18:22

Tgt Ion:172 Resp: 705605
 Ion Ratio Lower Upper
 172 100
 171 35.7 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





#49

Dimethylphthalate

Concen: 3.156 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

Instrument :

BNA_F

ClientSampleId :

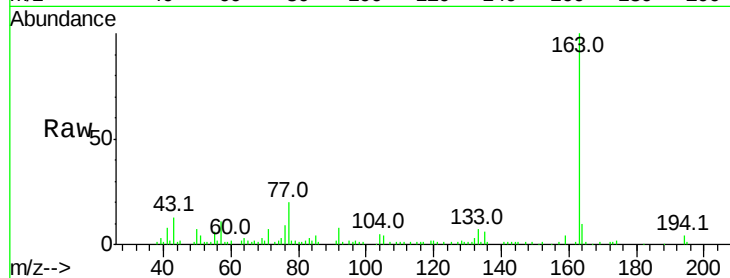
Tot Ion:163 Resp: 66859

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

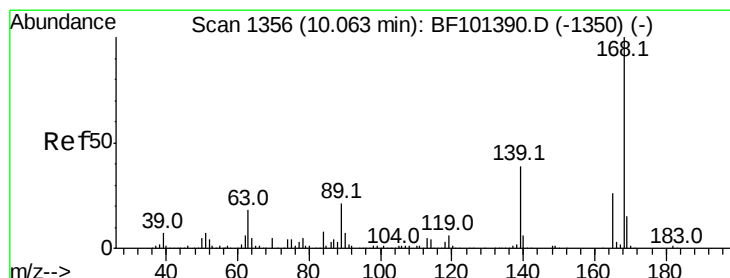
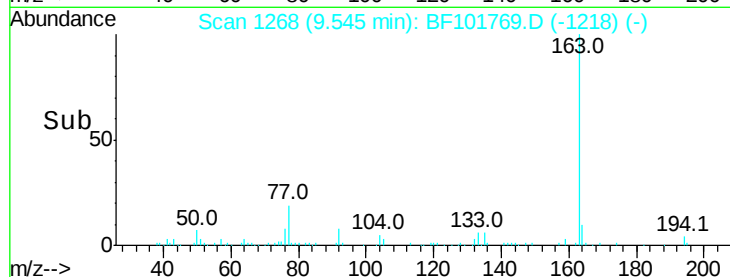
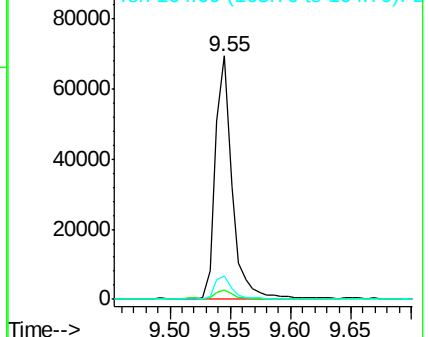
164 9.6 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.994 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.21 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

Tgt Ion:165 Resp: 33923

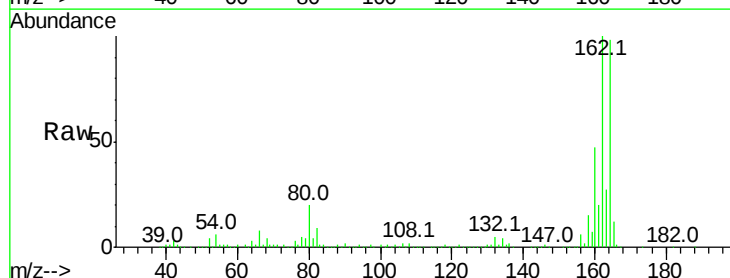
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.8 57.8 86.6#

182 1.1 1.6 2.4#

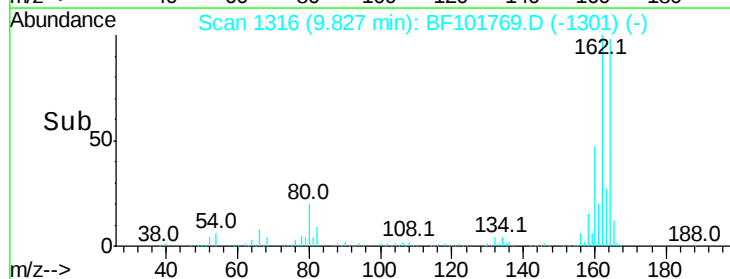
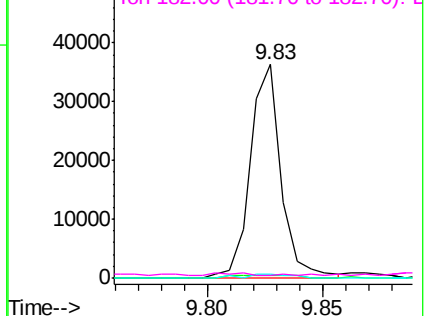


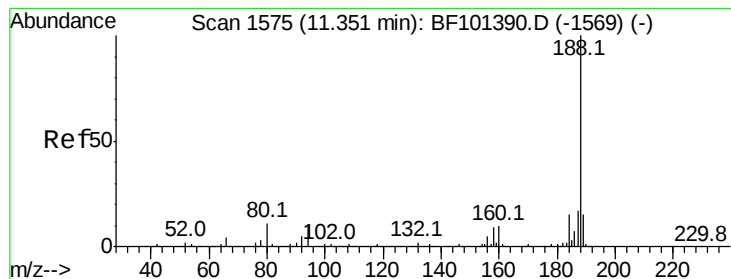
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

Instrument :

BNA_F

ClientSampled :

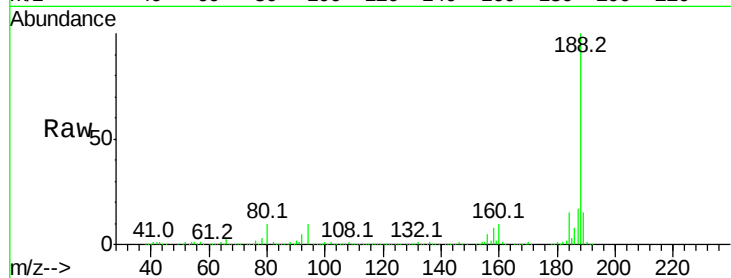
Tot Ion:188 Resp: 411367

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

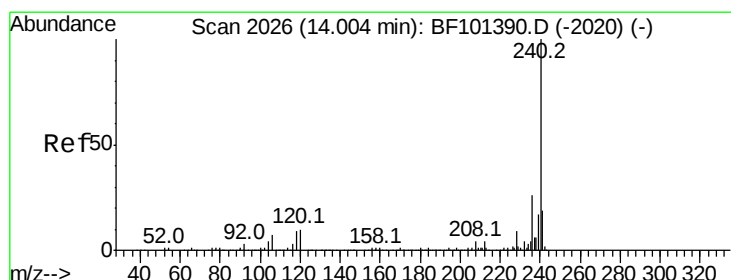
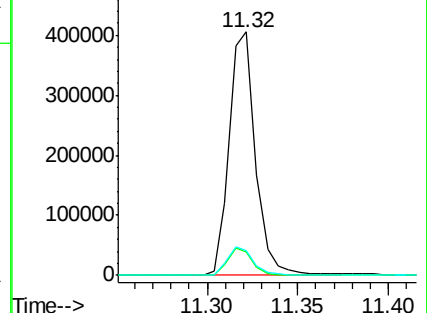
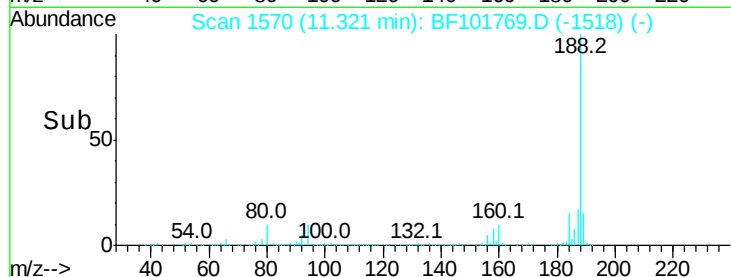
80 10.4 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

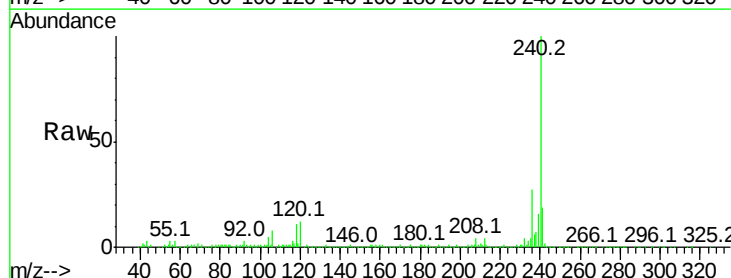
Tgt Ion:240 Resp: 316620

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

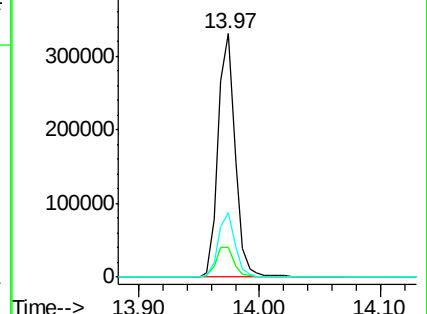
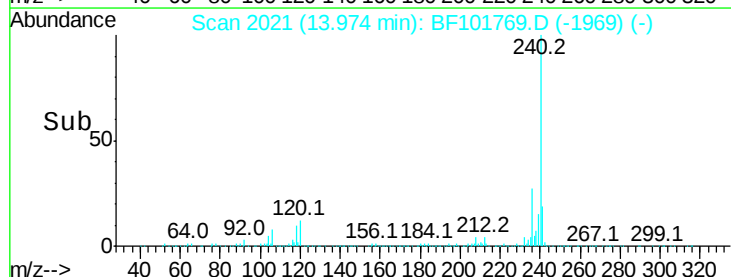
236 26.7 20.7 31.1

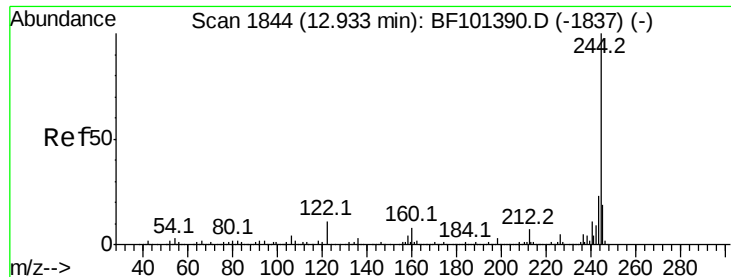


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 37.405 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

Instrument :

BNA_F

ClientSampleId :

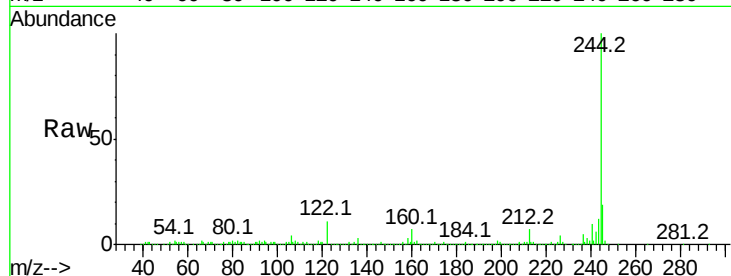
Tot Ion:244 Resp: 491255

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

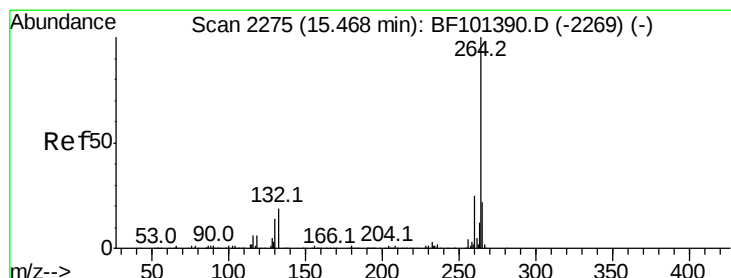
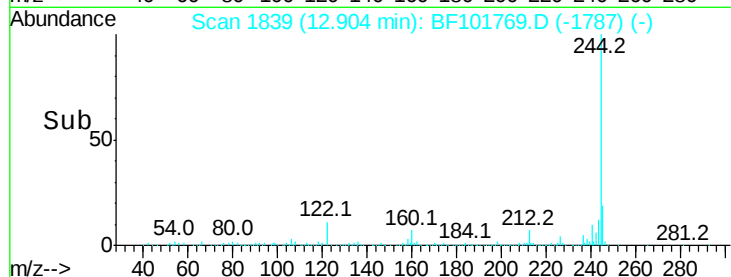
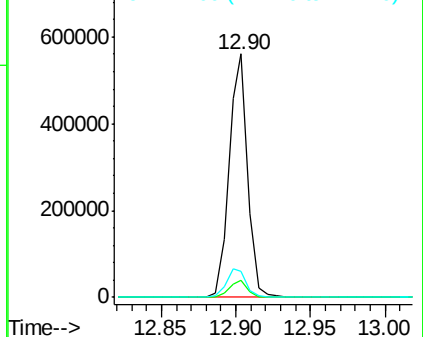
122 10.8 11.0 16.4#



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# 2271

Delta R.T. 0.01 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

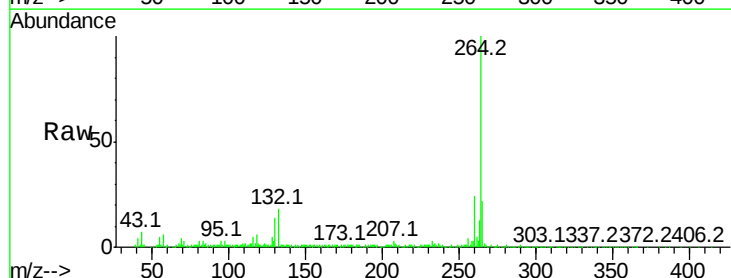
Tgt Ion:264 Resp: 286120

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 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

