

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101723.D
 Acq On : 26 Dec 2017 19:46
 Operator : SJ/JU
 Sample : PB105334BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BL

Quant Time: Dec 27 04:55:55 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

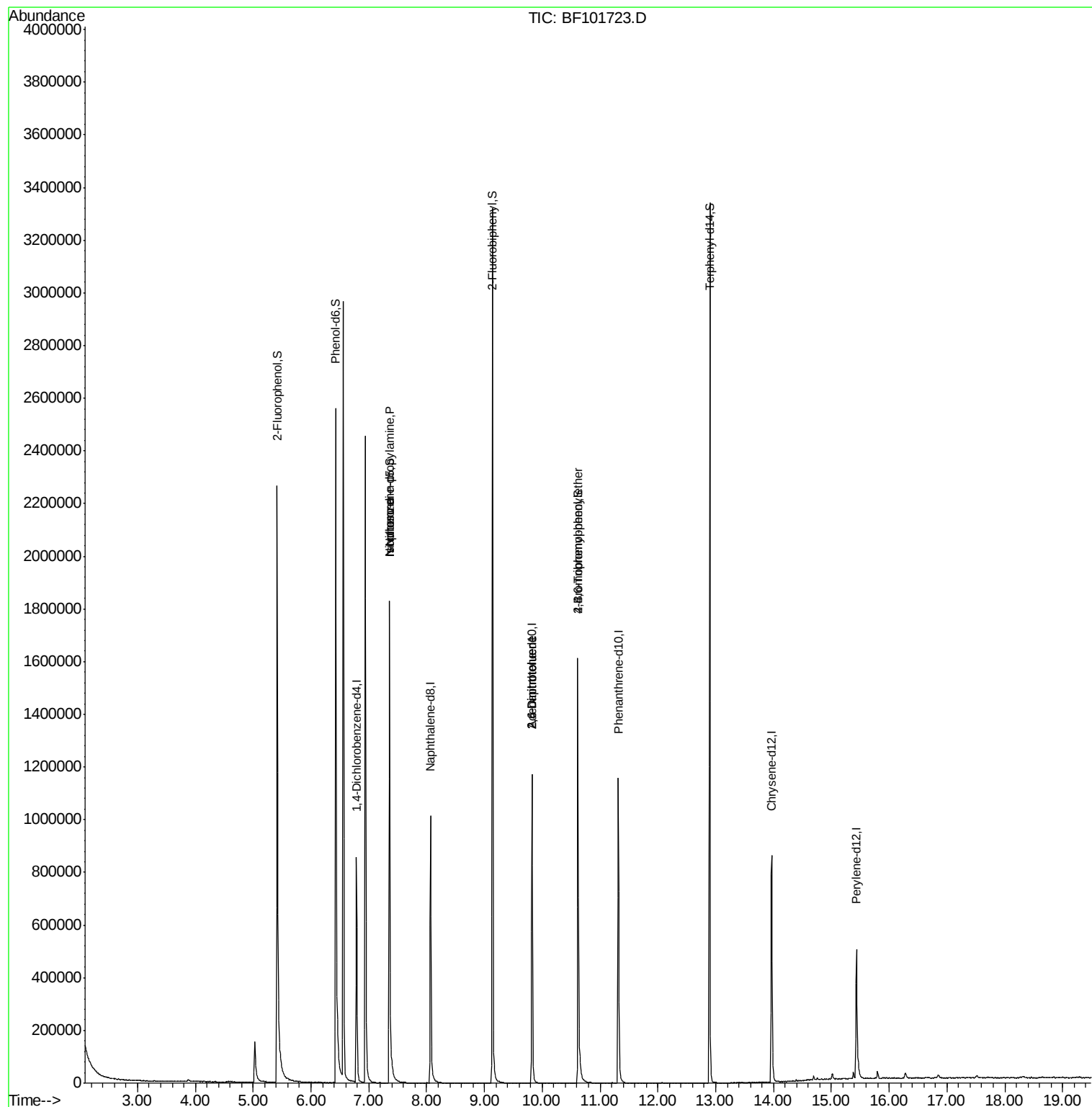
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	137333	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	546811	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	247795	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	487708	20.00	ng	0.00
75) Chrysene-d12	13.97	240	378096	20.00	ng	0.00
86) Perylene-d12	15.43	264	316289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	941736	102.15	ng	0.01
7) Phenol-d6	6.43	99	1135574	98.97	ng	0.00
23) Nitrobenzene-d5	7.36	82	718356	73.13	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	263324	110.28	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1245366	77.96	ng	0.00
78) Terphenyl-d14	12.90	244	1196434	76.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	93137	12.360	ng	# 81
25) Isophorone	7.36	82	718398	36.456	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	31347	7.738	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	31347	6.868	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	15807	2.884	ng	# 1

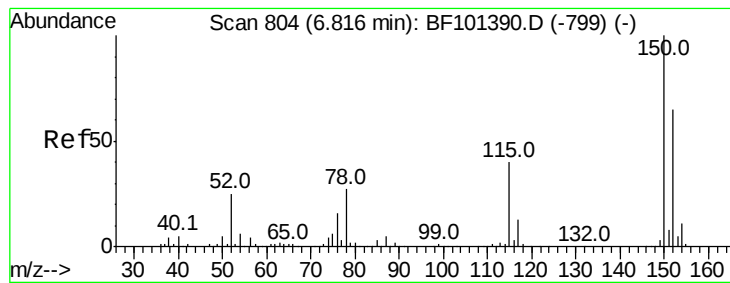
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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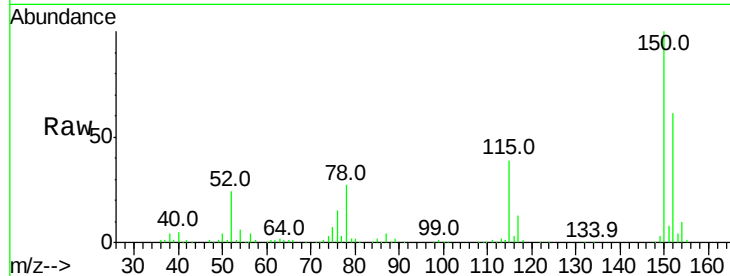


#1

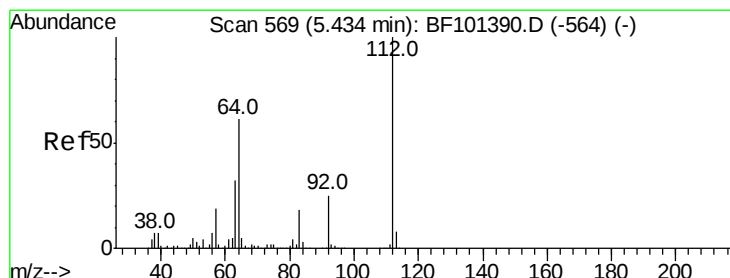
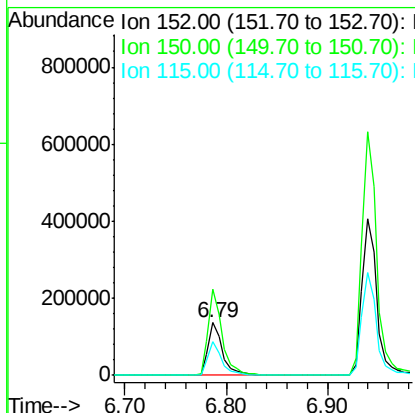
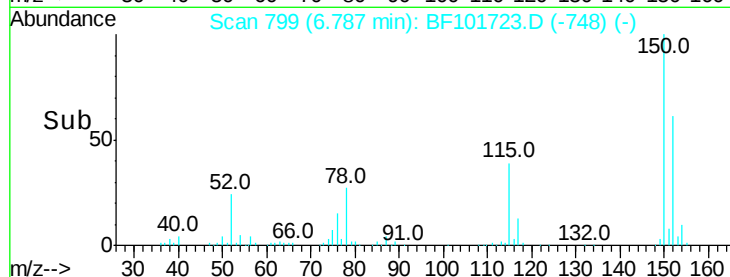
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101723.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :
PB105334BL

Tot Ion:152 Resp: 137333
Ion Ratio Lower Upper
152 100
150 162.6 124.6 186.8
115 64.2 50.1 75.1



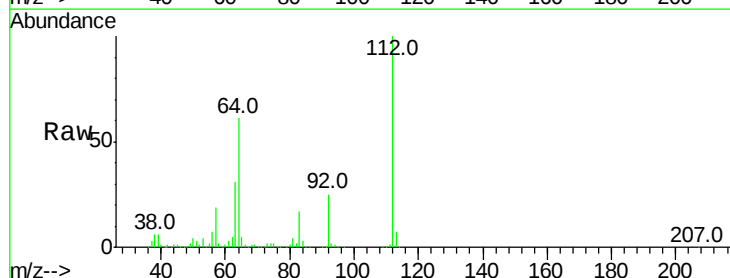
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



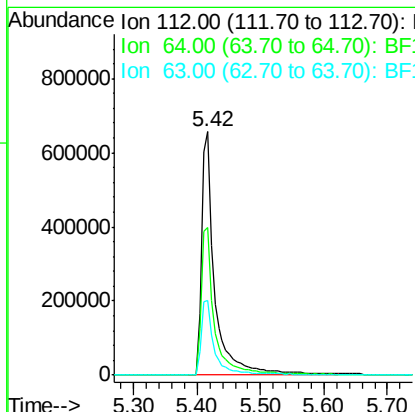
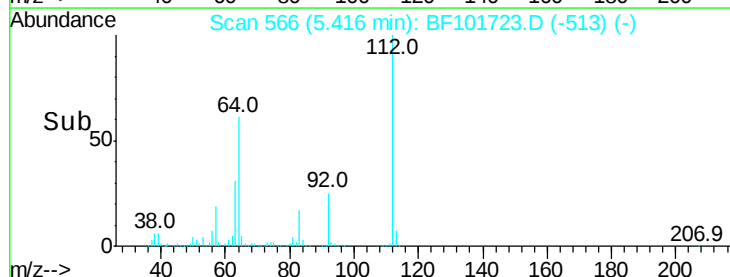
#5

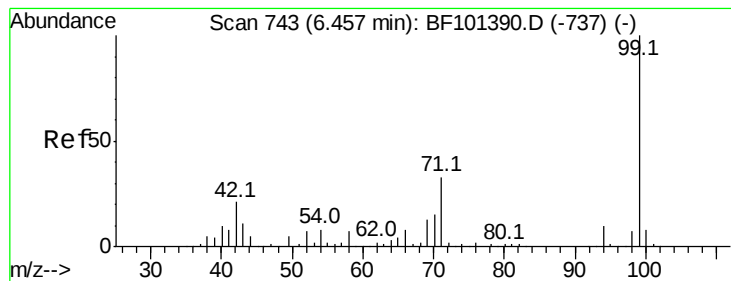
2-Fluorophenol
Concen: 102.145 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101723.D
Acq: 26 Dec 2017 19:46

Tgt Ion:112 Resp: 941736
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 30.9 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: 98.968 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_F

ClientSampleId :

PB105334BL

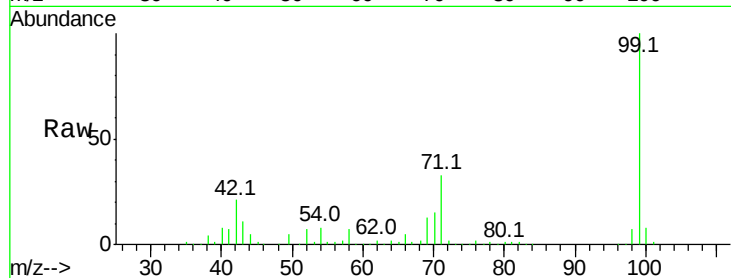
Tot Ion: 99 Resp: 1135574

Ion Ratio Lower Upper

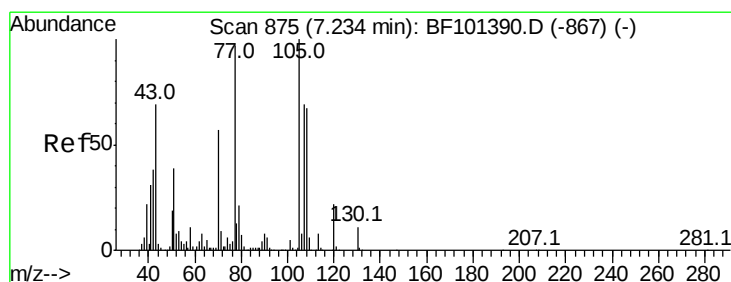
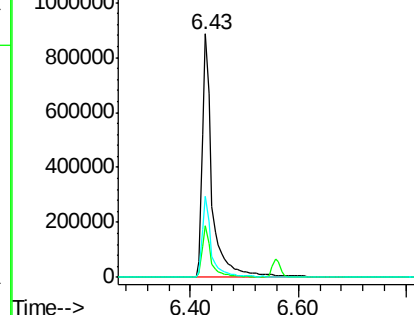
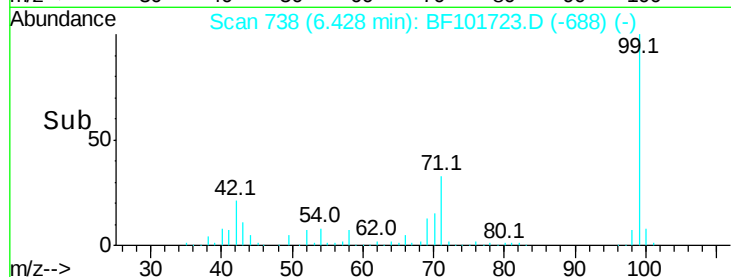
99 100

42 21.2 14.5 21.7

71 33.3 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: 12.360 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Tgt Ion: 70 Resp: 93137

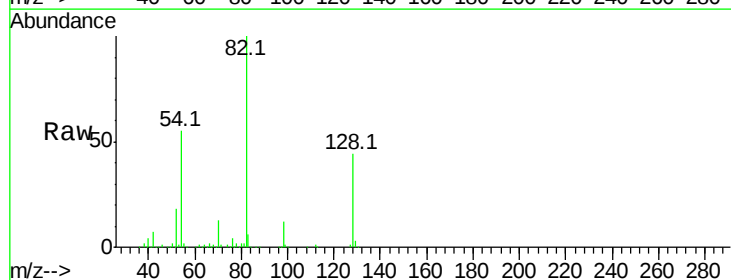
Ion Ratio Lower Upper

70 100

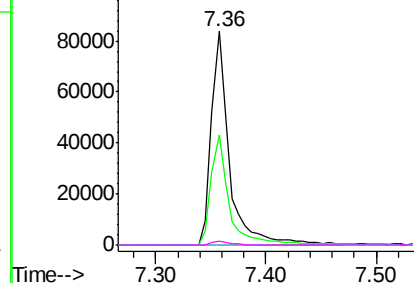
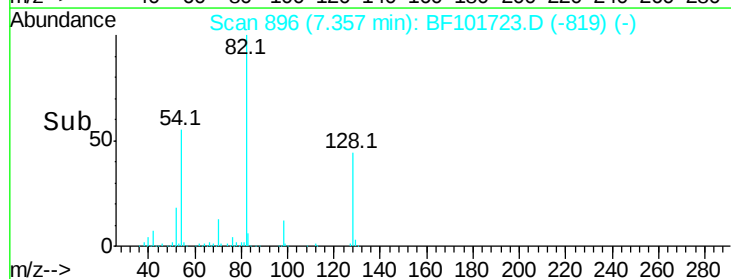
42 51.4 47.5 71.3

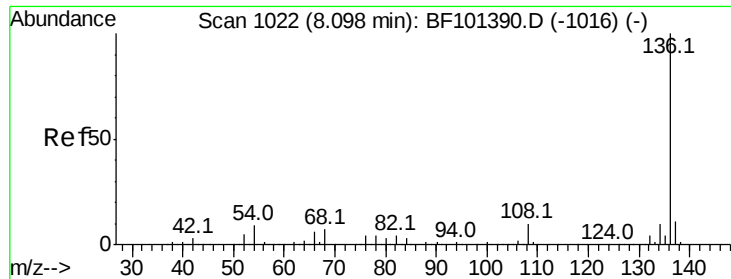
101 0.0 7.4 11.2#

130 1.8 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

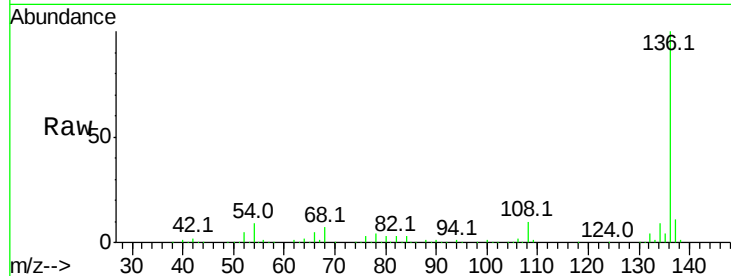




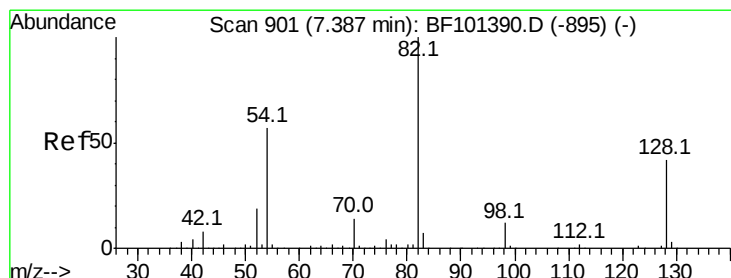
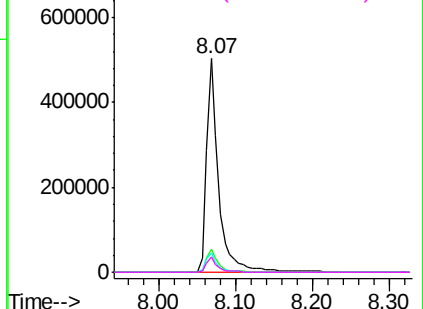
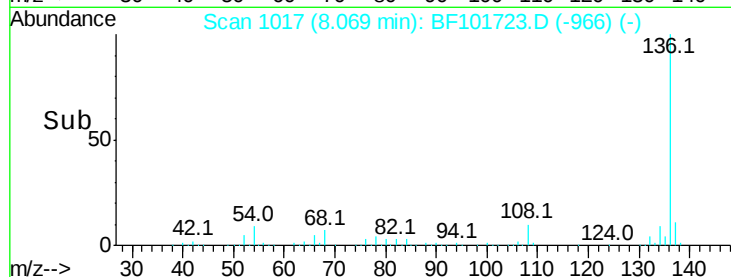
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101723.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :
PB105334BL

Tot Ion:	136	Resp:	546811
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	6.6	9.8
68	6.9	5.0	7.4

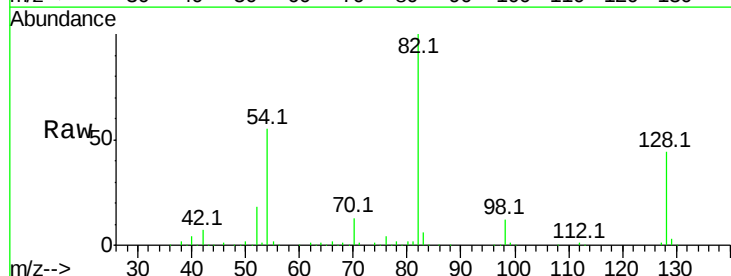


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

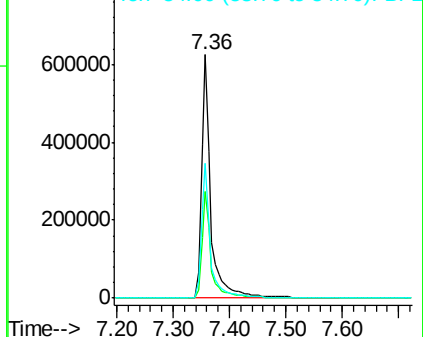
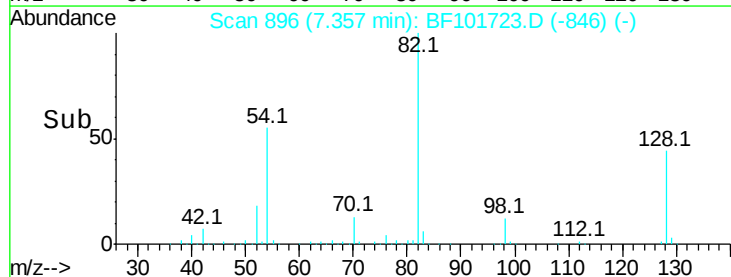


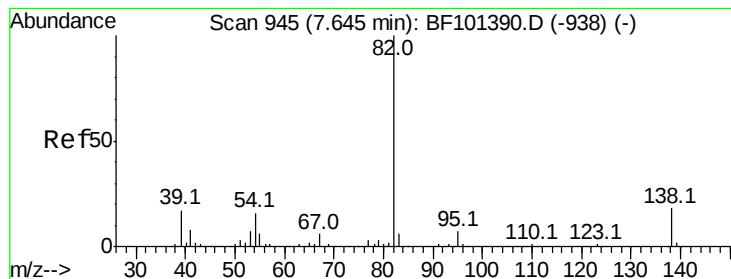
#23
Nitrobenzene-d5
Concen: 73.129 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101723.D
Acq: 26 Dec 2017 19:46

Tgt Ion:	82	Resp:	718356
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	55.2	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: 36.456 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_F

ClientSampleId :

PB105334BL

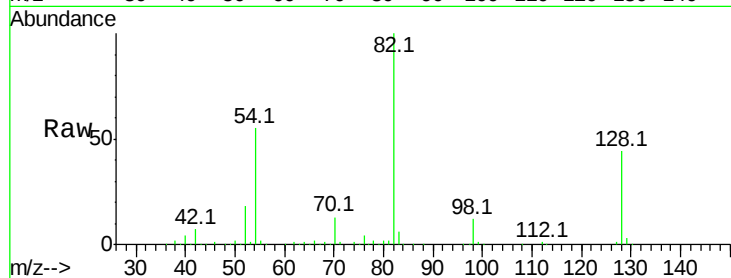
Tot Ion: 82 Resp: 718398

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

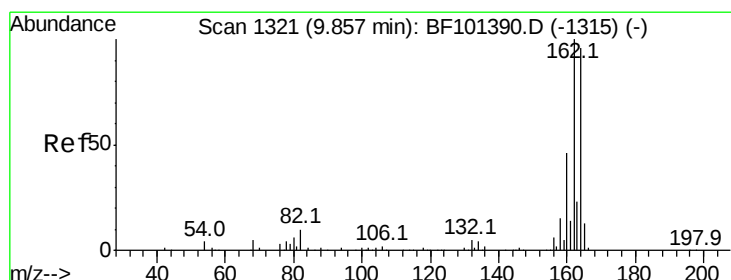
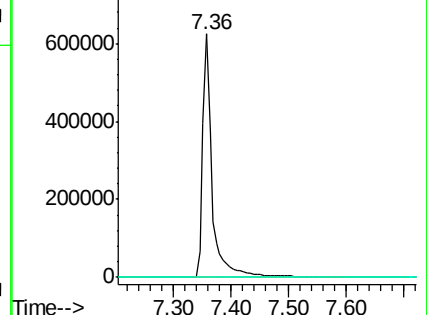
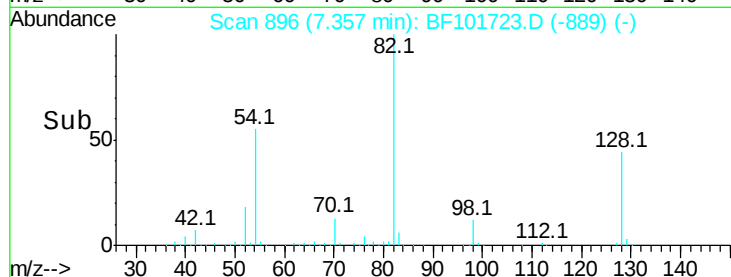
138 0.0 14.9 22.3#



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

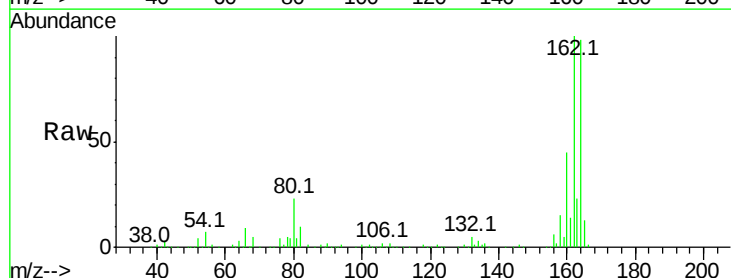
Tgt Ion: 164 Resp: 247795

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

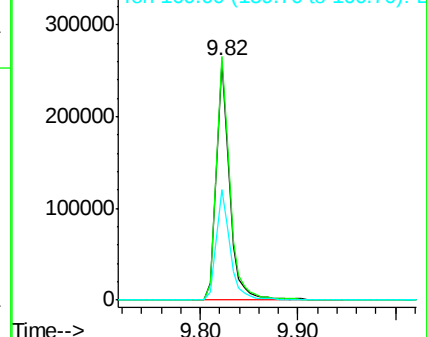
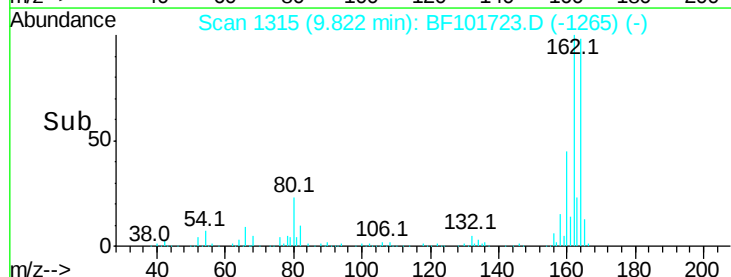
160 46.4 38.3 57.5

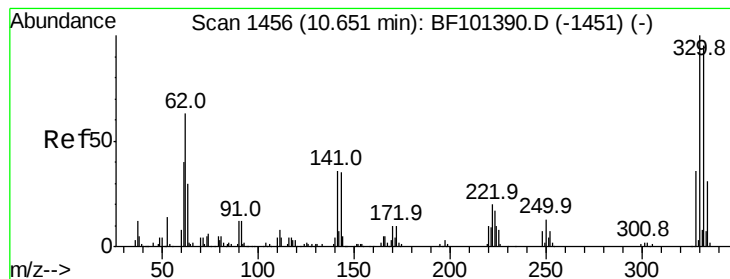


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 110.284 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_F

ClientSampleId :

PB105334BL

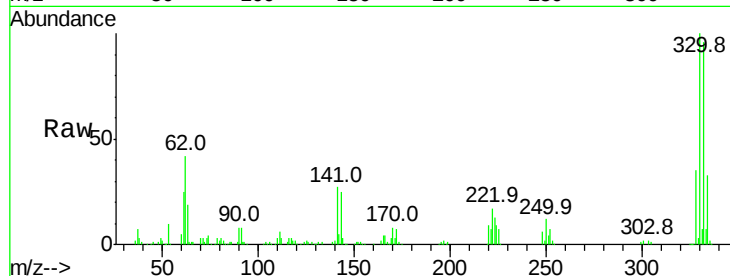
Tot Ion:330 Resp: 263324

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

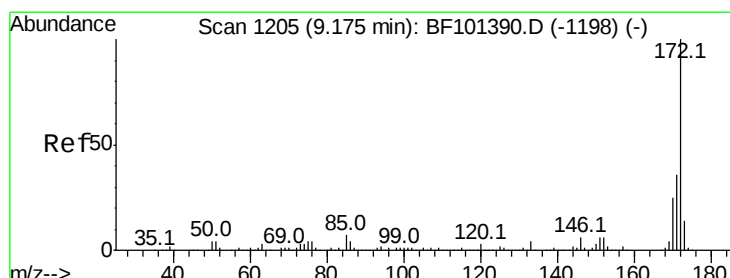
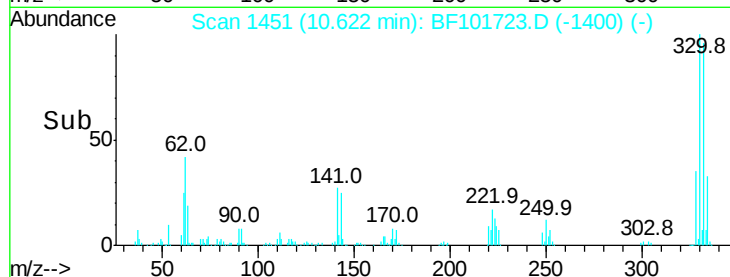
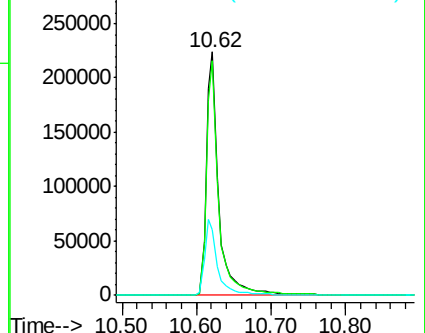
141 32.8 29.9 44.9



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: 77.962 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

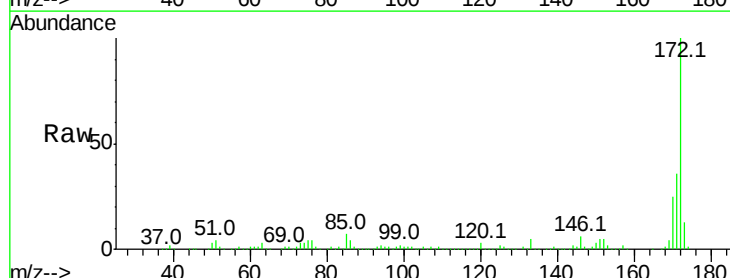
Tgt Ion:172 Resp: 1245366

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

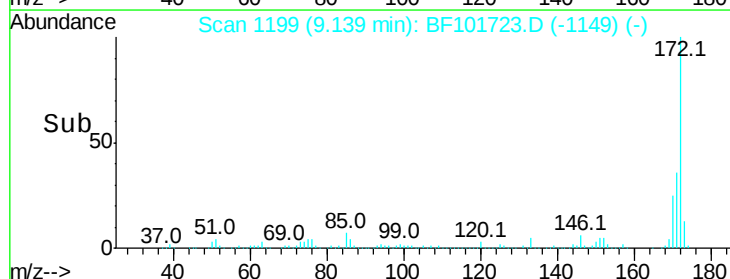
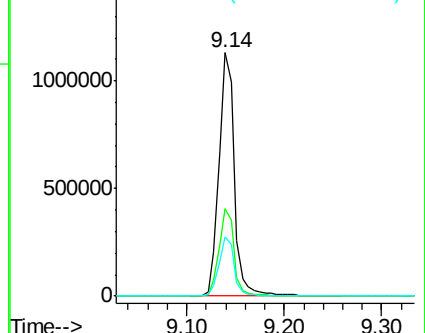
170 24.6 19.6 29.4

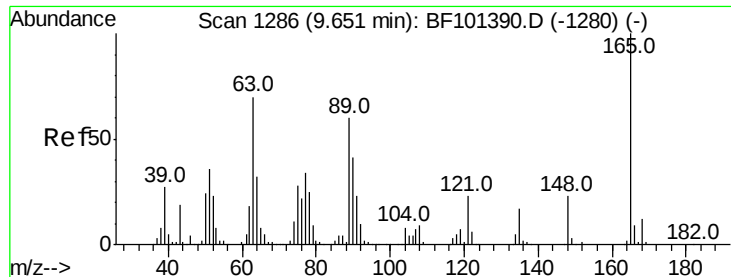


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 7.738 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.19 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_F

ClientSampleId :

PB105334BL

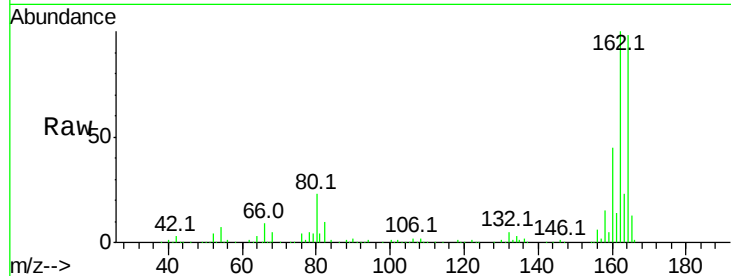
Tot Ion:165 Resp: 31347

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

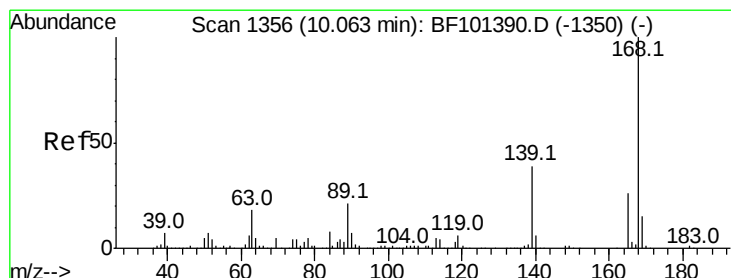
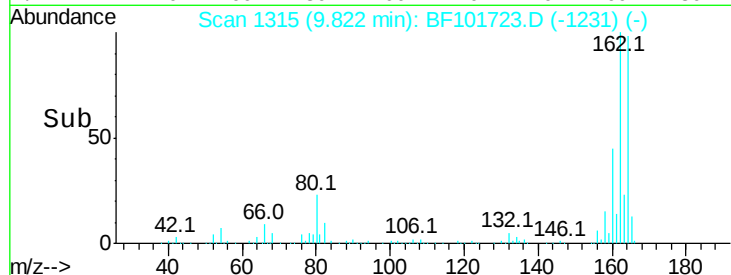
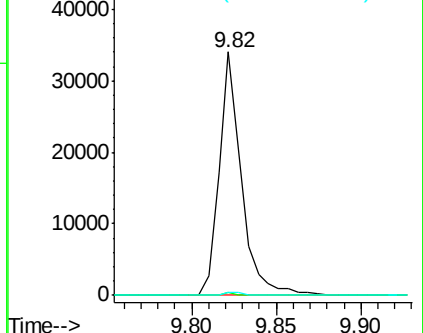
89 1.3 44.0 66.0#



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: 6.868 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.22 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Tgt Ion:165 Resp: 31347

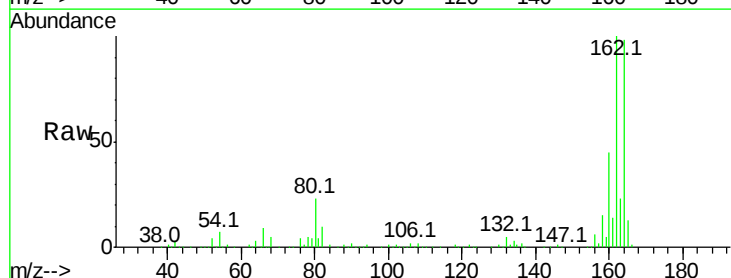
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

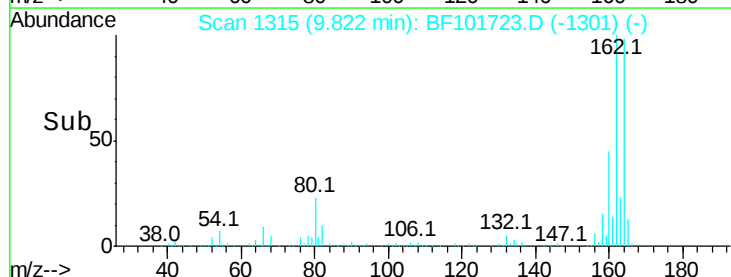
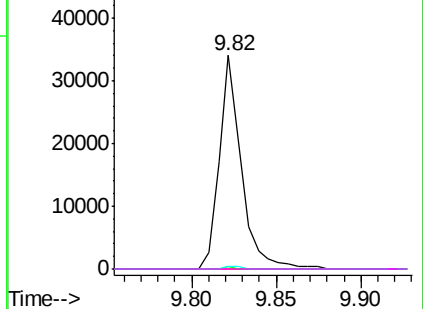


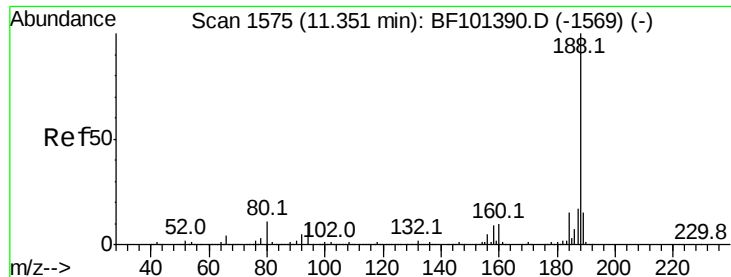
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_F

ClientSampleId :

PB105334BL

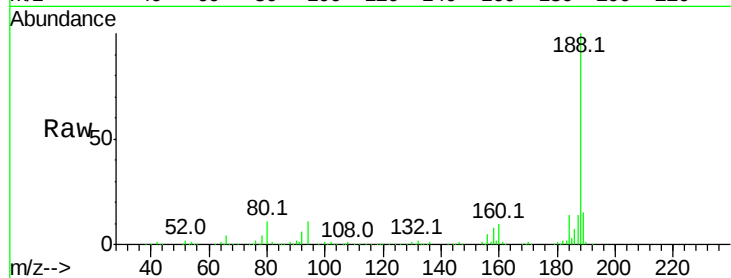
Tot Ion:188 Resp: 487708

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

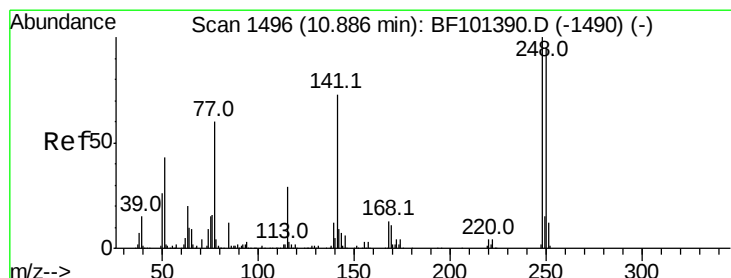
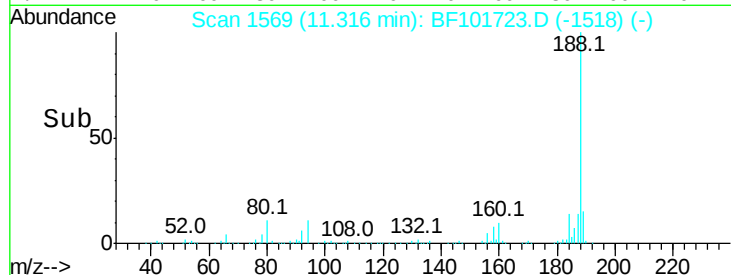
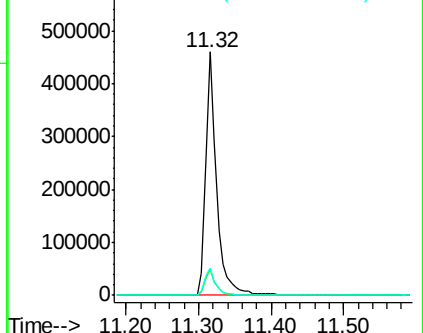
80 11.3 9.2 13.8



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: 2.884 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.23 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

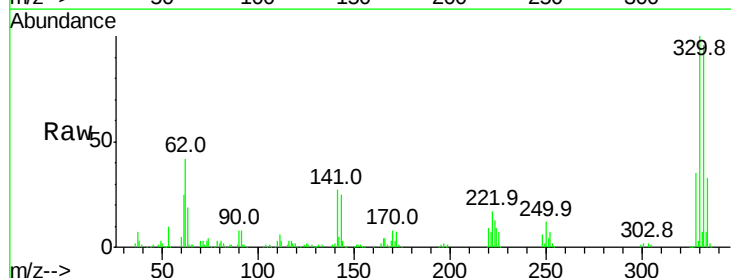
Tgt Ion:248 Resp: 15807

Ion Ratio Lower Upper

248 100

250 202.8 76.9 115.3#

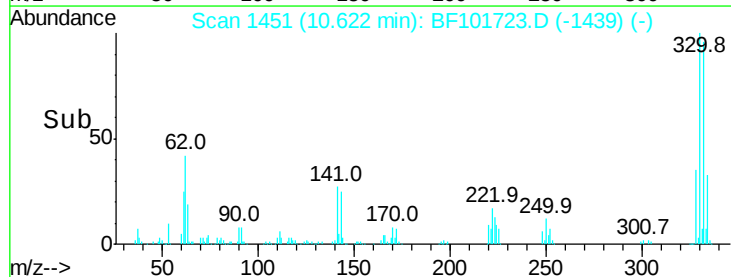
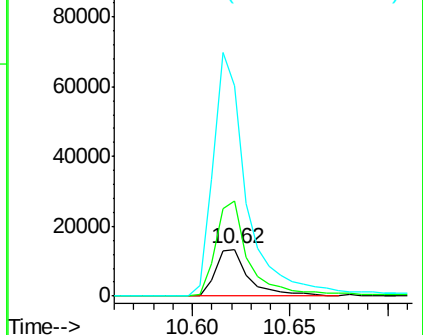
141 446.5 74.4 111.6#

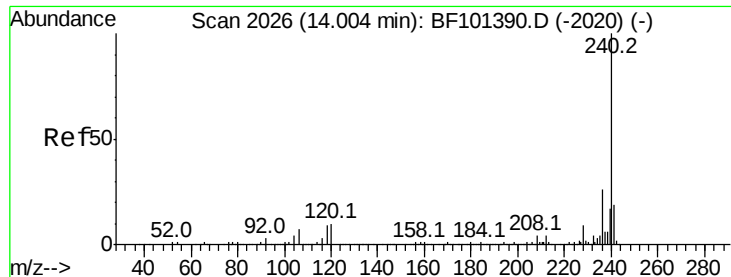


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2020

Delta R.T. 0.00 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_F

ClientSampleId :

PB105334BL

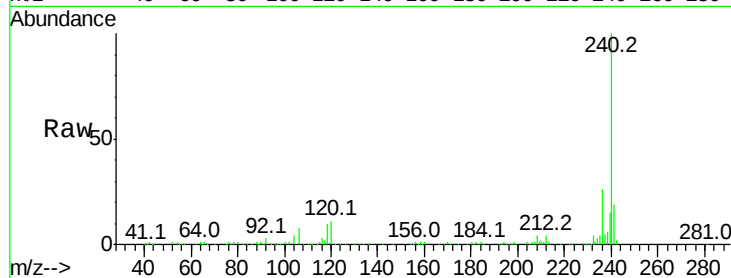
Tot Ion:240 Resp: 378096

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

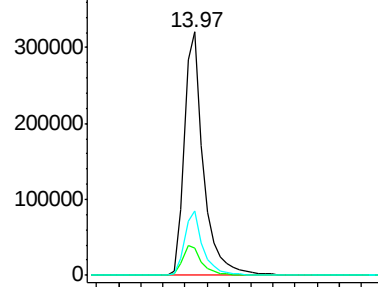
236 26.4 20.7 31.1



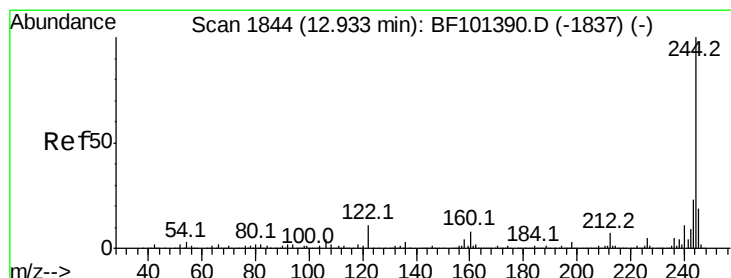
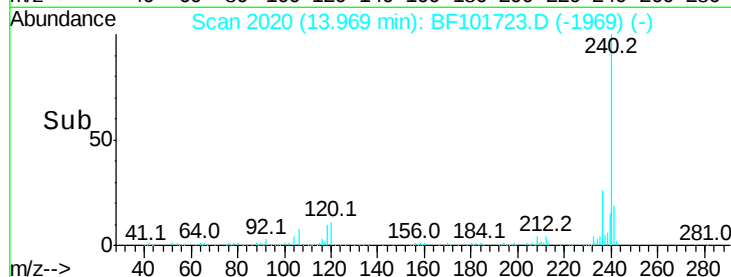
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 76.286 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

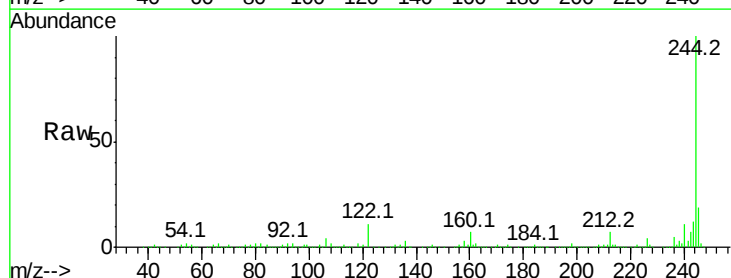
Tgt Ion:244 Resp: 1196434

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

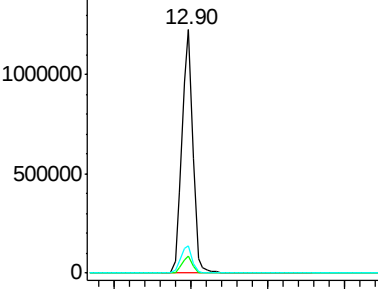
122 11.1 11.0 16.4



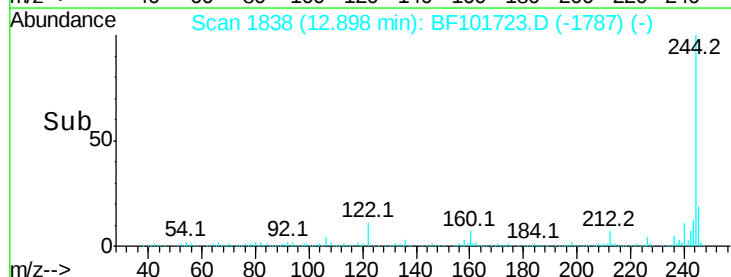
Abundance Ion 244.00 (243.70 to 244.70): E

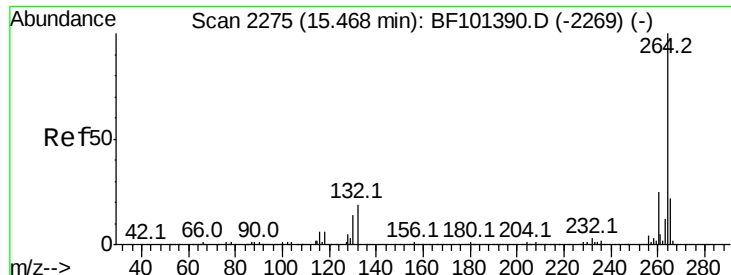
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



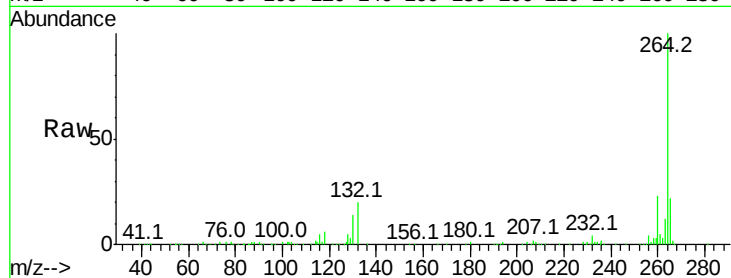


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101723.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :
PB105334BL

Tot Ion:264 Resp: 316289

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	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

