

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102080.D
 Acq On : 15 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1112-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 23:48:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

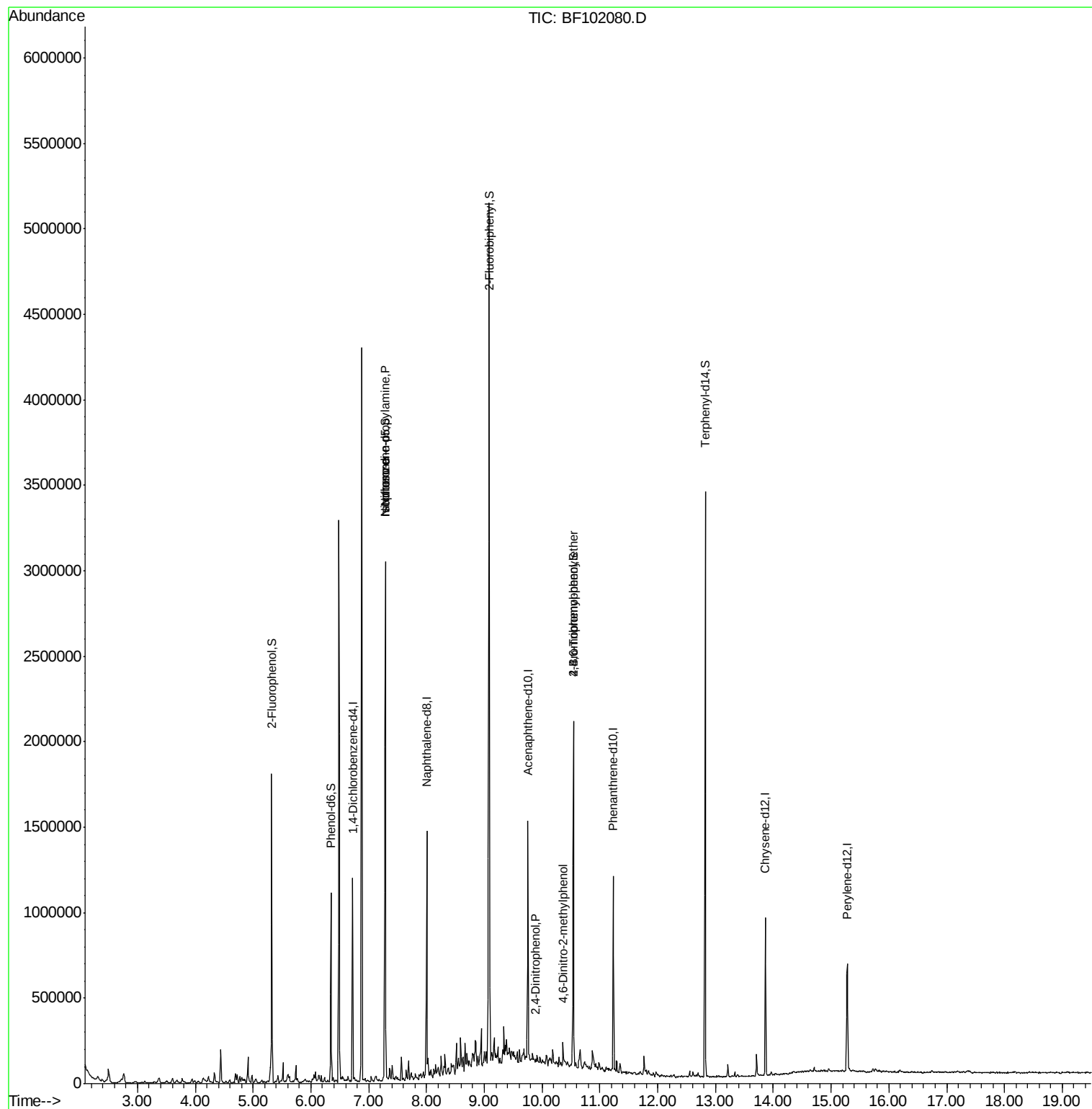
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170729	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	664482	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	261598	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	357432	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	289690	20.00	ng	-0.02
86) Perylene-d12	15.28	264	267425	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	476755	39.43	ng	0.00
7) Phenol-d6	6.35	99	336291	23.31	ng	-0.02
23) Nitrobenzene-d5	7.29	82	1159865	102.57	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	214983	94.17	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1828940	109.22	ng	0.00
78) Terphenyl-d14	12.82	244	1116251	80.00	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	158057	16.720	ng	# 78
25) Isophorone	7.29	82	1152942	51.602	ng	# 64
53) 2,4-Dinitrophenol	9.90	184	369	8.863	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.37	198	483	5.882	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	14091	3.733	ng	# 1

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

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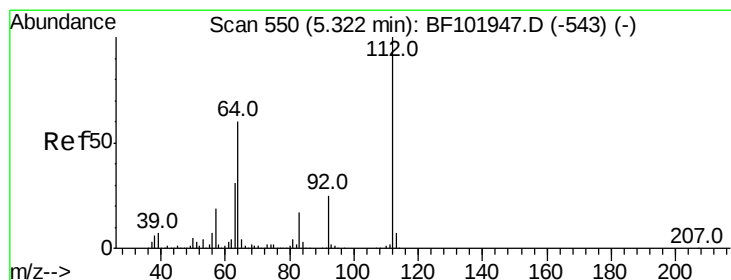
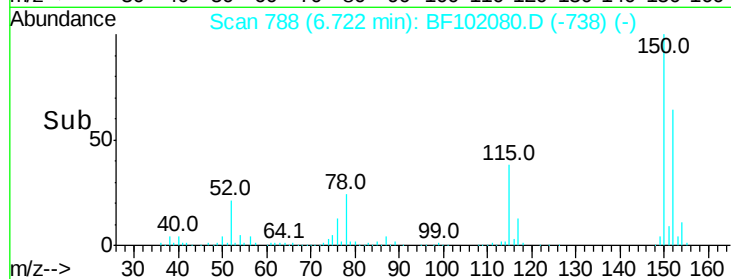
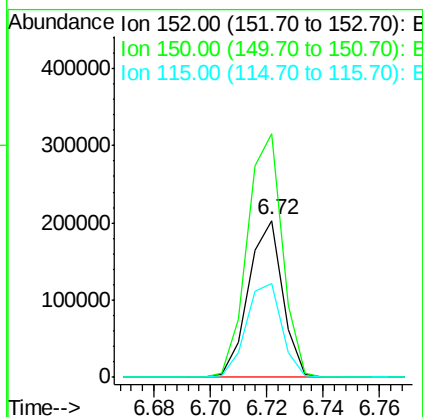
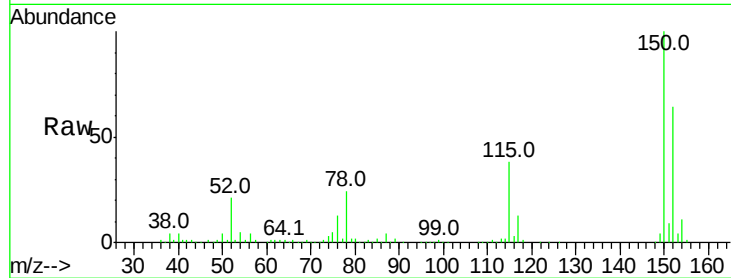


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102080.D
Acq: 15 Jan 2018 23:07

Instrument :
BNA_F
ClientSampleId :

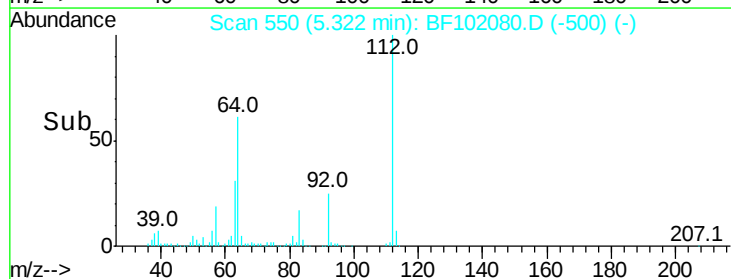
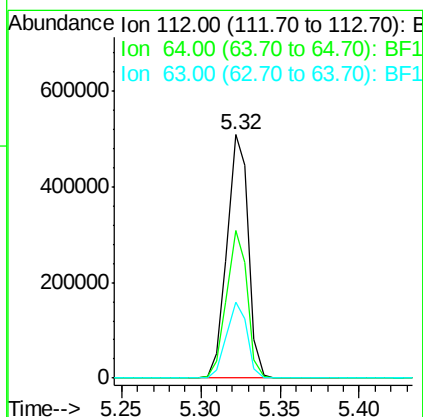
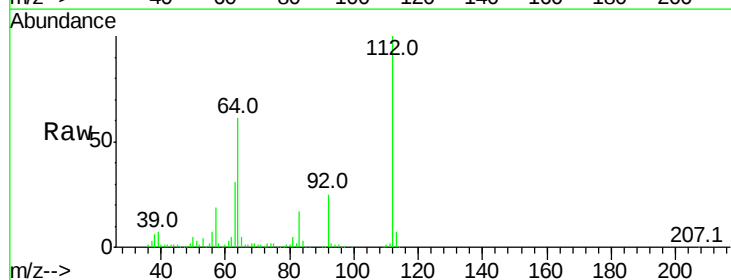
Tot Ion:152 Resp: 170729
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 59.8 50.1 75.1

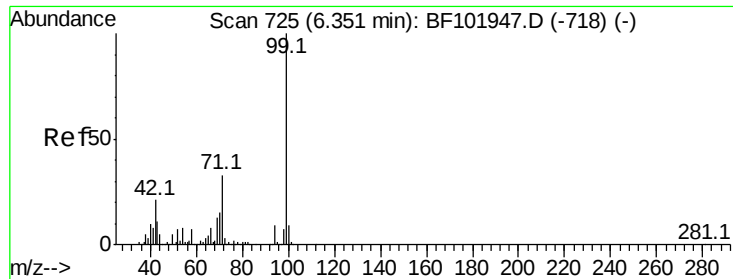


#5

2-Fluorophenol
Concen: 39.432 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF102080.D
Acq: 15 Jan 2018 23:07

Tgt Ion:112 Resp: 476755
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 23.313 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF102080.D

Acq: 15 Jan 2018 23:07

Instrument :

BNA_F

ClientSampled :

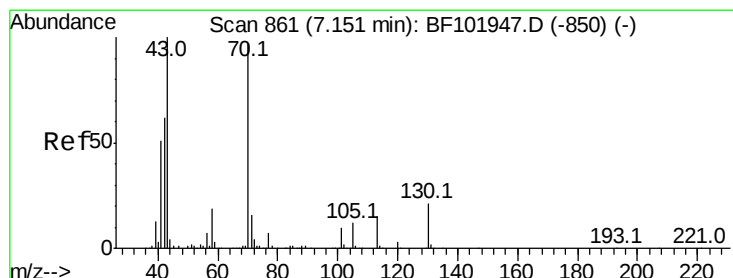
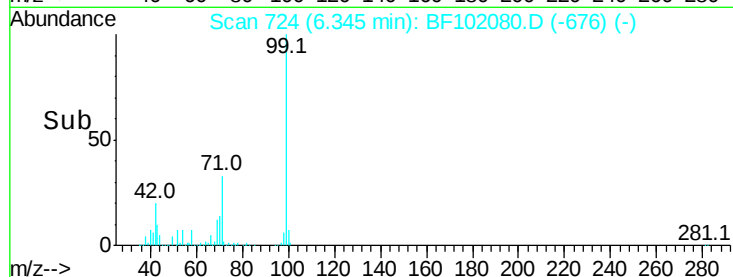
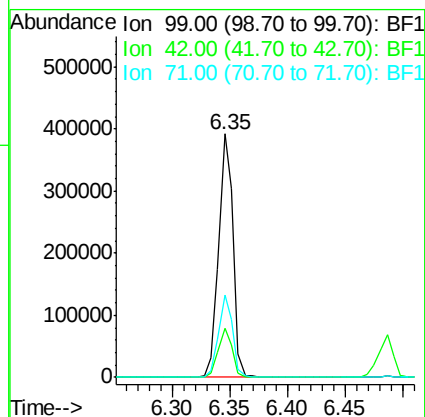
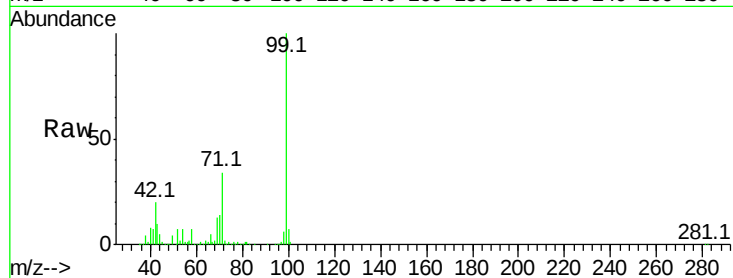
Tot Ion: 99 Resp: 336291

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 33.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.720 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF102080.D

Acq: 15 Jan 2018 23:07

Tgt Ion: 70 Resp: 158057

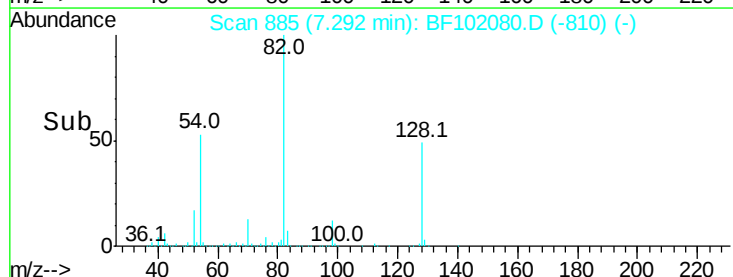
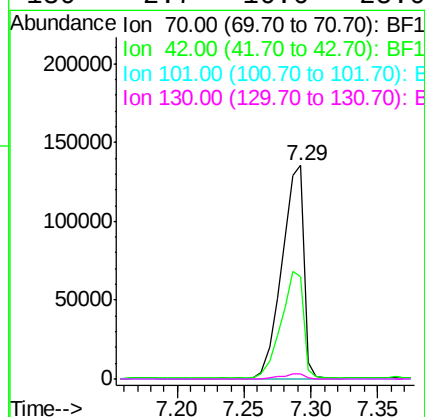
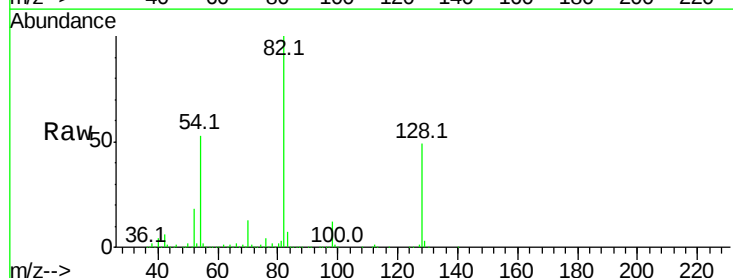
Ion Ratio Lower Upper

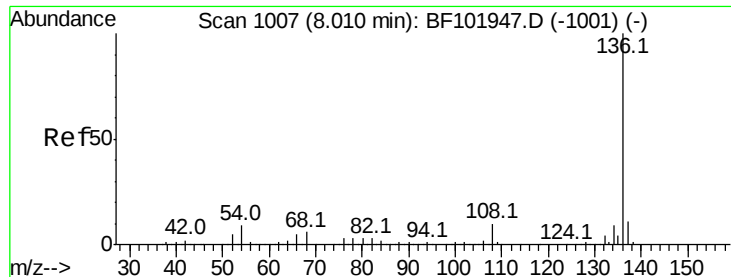
70 100

42 48.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102080.D

Acq: 15 Jan 2018 23:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 664482

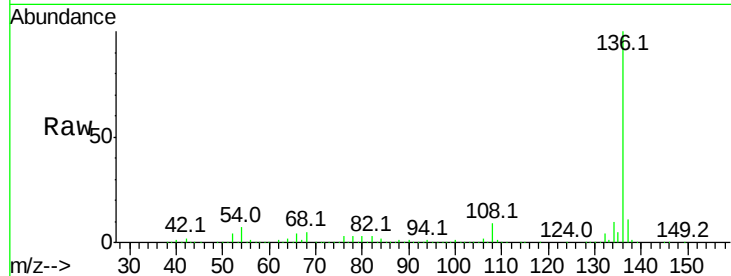
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.1 6.6 9.8

68 4.8 5.0 7.4#

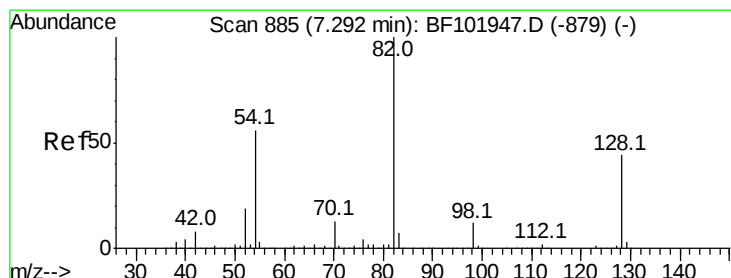
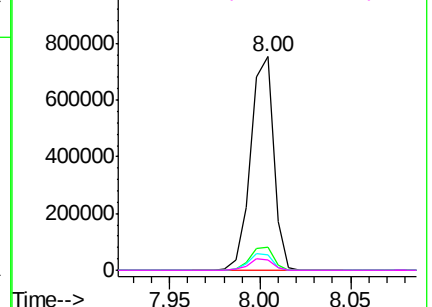
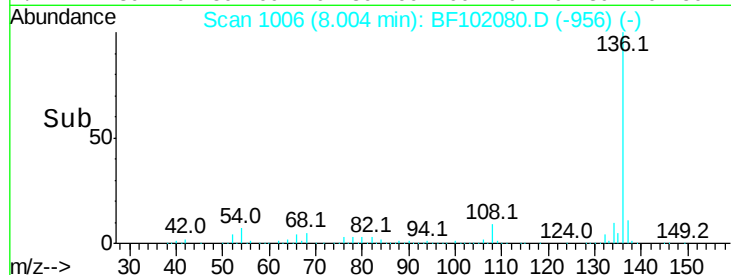


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.574 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102080.D

Acq: 15 Jan 2018 23:07

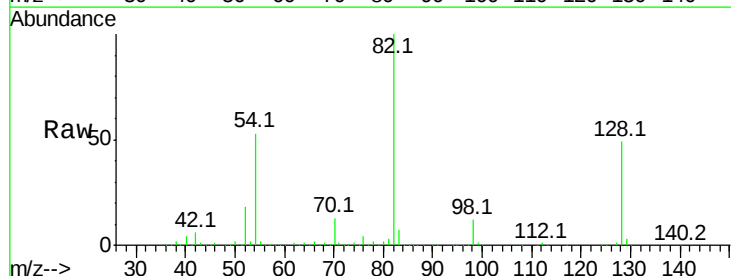
Tgt Ion: 82 Resp: 1159865

Ion Ratio Lower Upper

82 100

128 48.7 36.1 54.1

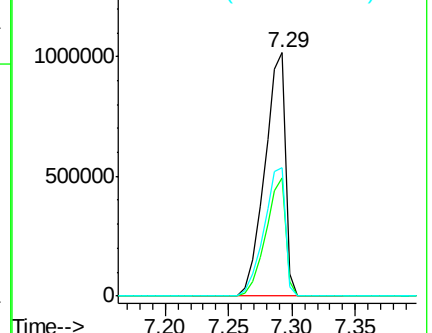
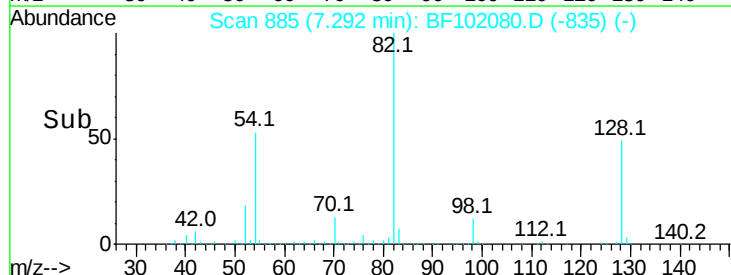
54 52.9 41.4 62.2

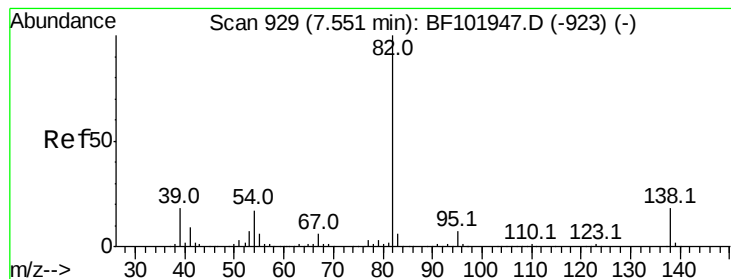


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.602 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF102080.D

Acq: 15 Jan 2018 23:07

Instrument :

BNA_F

ClientSampleId :

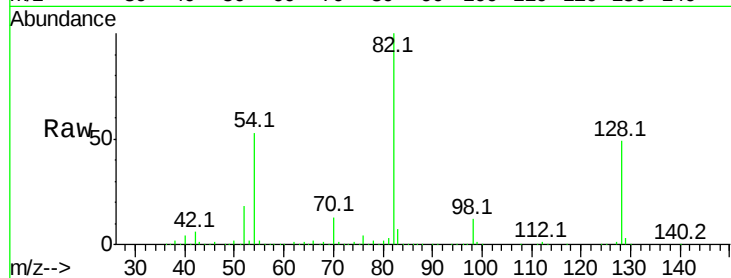
Tot Ion: 82 Resp: 1152942

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

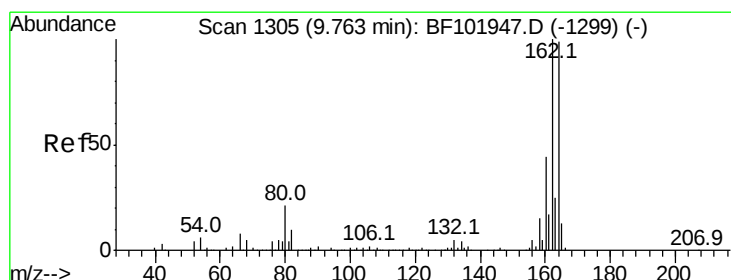
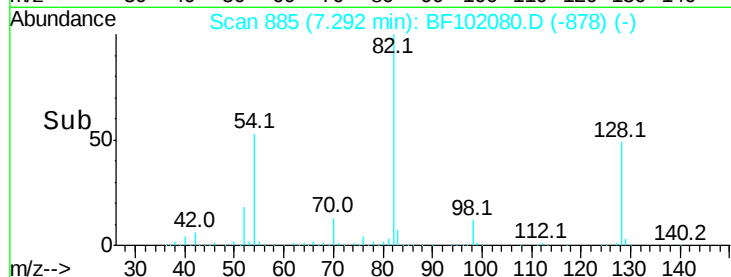
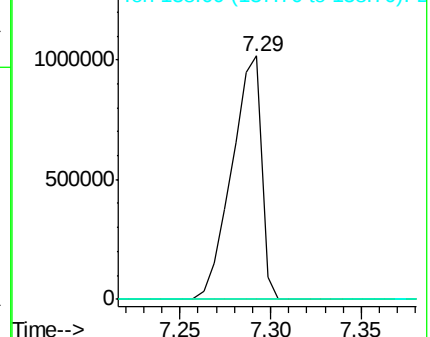
138 0.0 14.9 22.3#



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102080.D

Acq: 15 Jan 2018 23:07

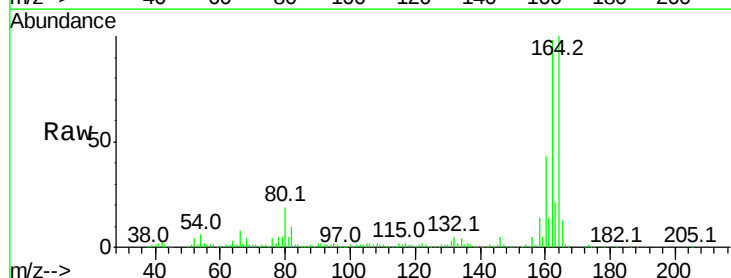
Tgt Ion:164 Resp: 261598

Ion Ratio Lower Upper

164 100

162 98.4 86.1 129.1

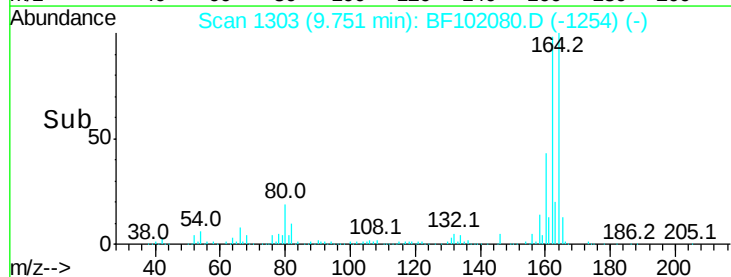
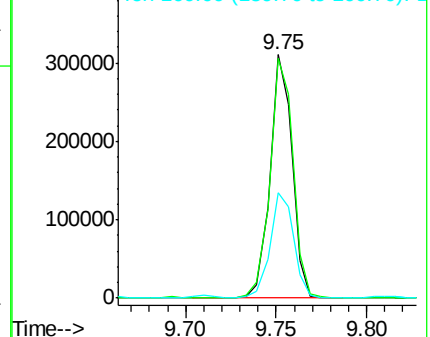
160 43.2 38.3 57.5



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

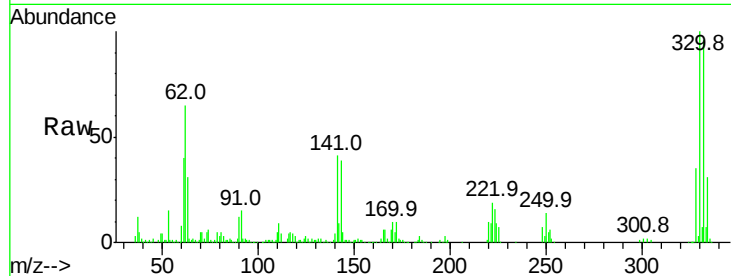




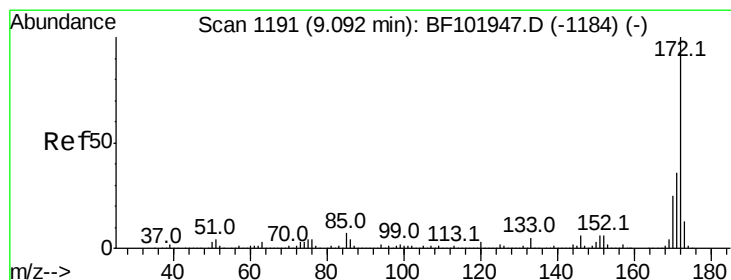
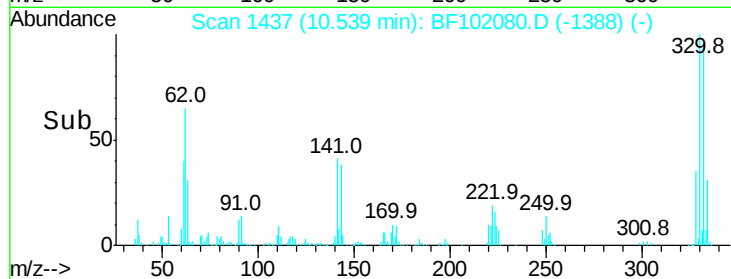
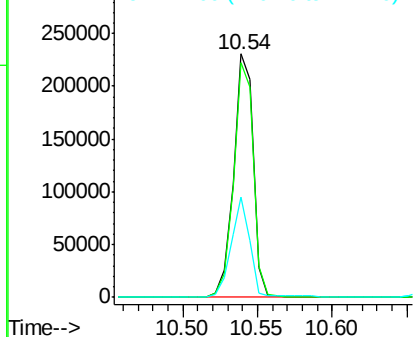
#41
 2,4,6-Tribromophenol
 Concen: 94.170 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102080.D
 Acq: 15 Jan 2018 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 214983
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 38.8 29.9 44.9

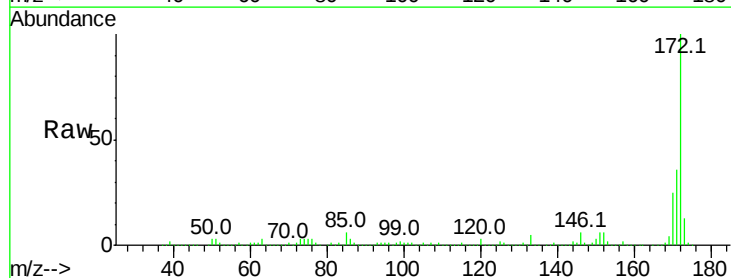


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

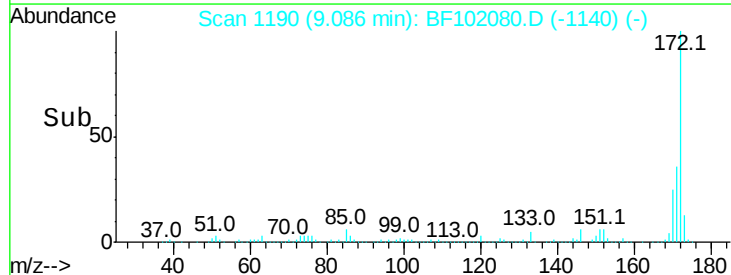
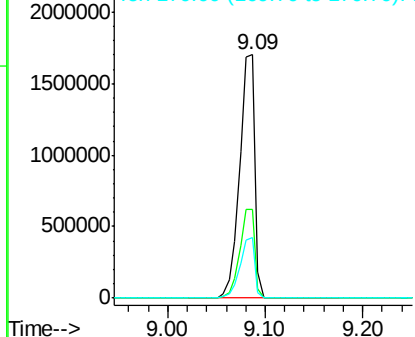


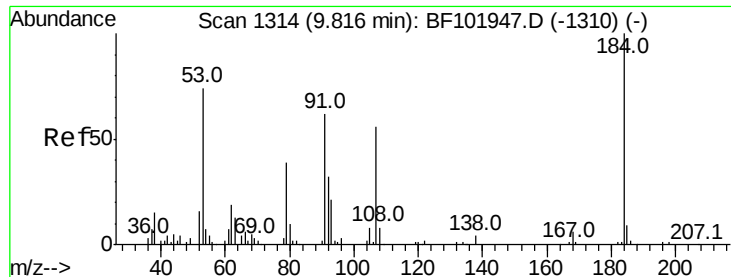
#44
 2-Fluorobiphenyl
 Concen: 109.225 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102080.D
 Acq: 15 Jan 2018 23:07

Tgt Ion:172 Resp: 1828940
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.7 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

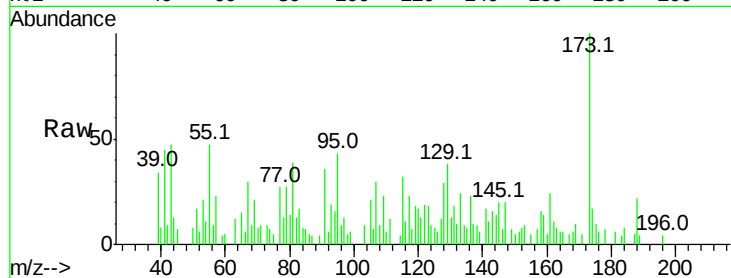




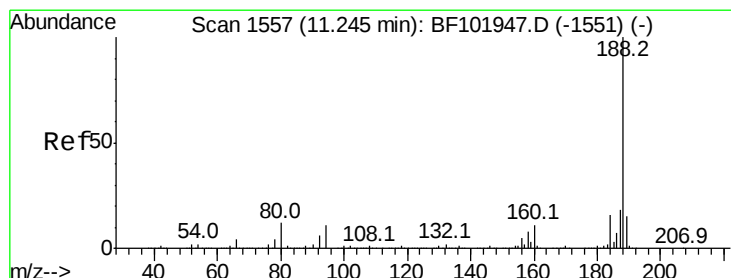
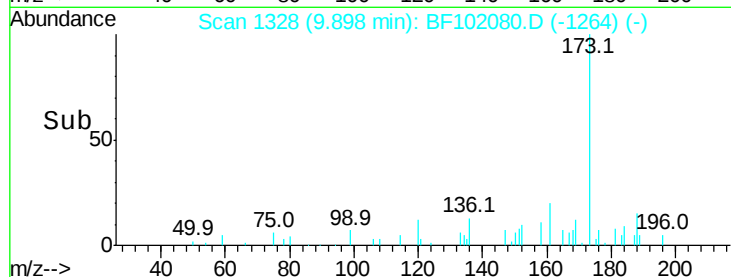
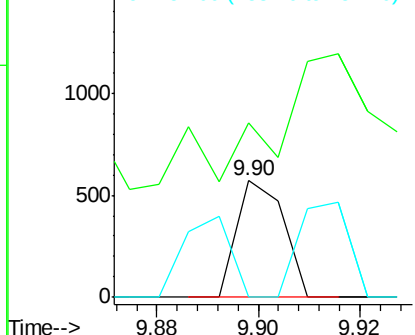
#53
 2,4-Dinitrophenol
 Concen: 8.863 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.08 min
 Lab File: BF102080.D
 Acq: 15 Jan 2018 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 369
 Ion Ratio Lower Upper
 184 100
 63 149.7 54.2 81.2#
 154 0.0 184.0 276.0#

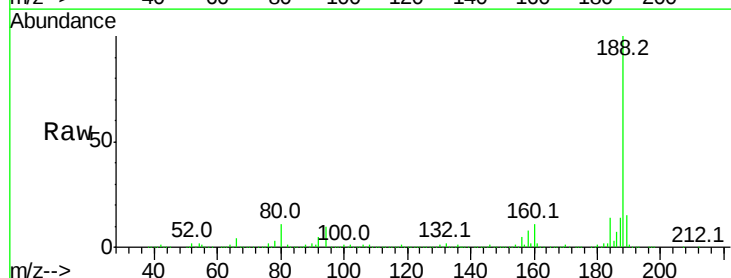


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

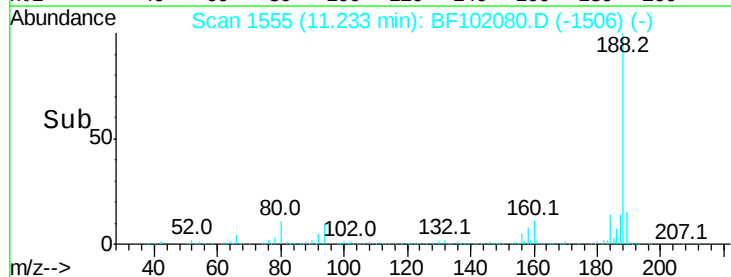
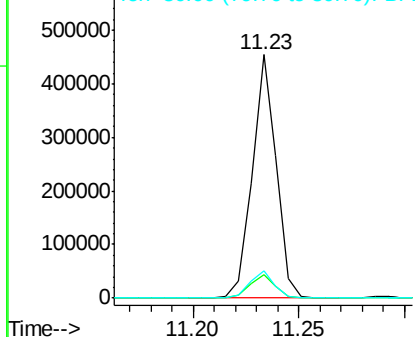


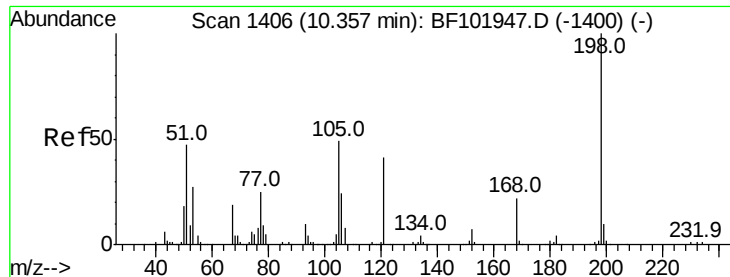
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102080.D
 Acq: 15 Jan 2018 23:07

Tgt Ion:188 Resp: 357432
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 11.0 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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.882 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.02 min

Lab File: BF102080.D

Acq: 15 Jan 2018 23:07

Instrument :

BNA_F

ClientSampled :

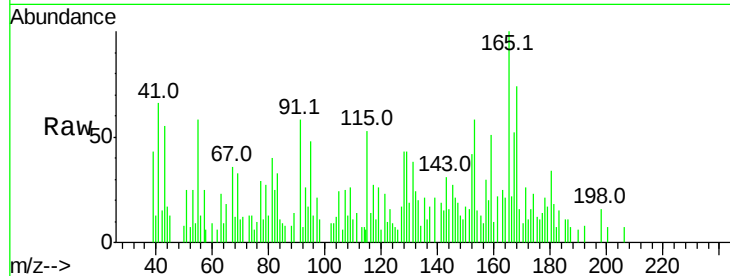
Tot Ion:198 Resp: 483

Ion Ratio Lower Upper

198 100

51 152.8 37.7 77.7#

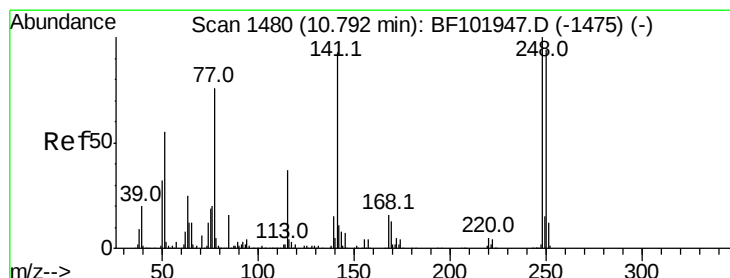
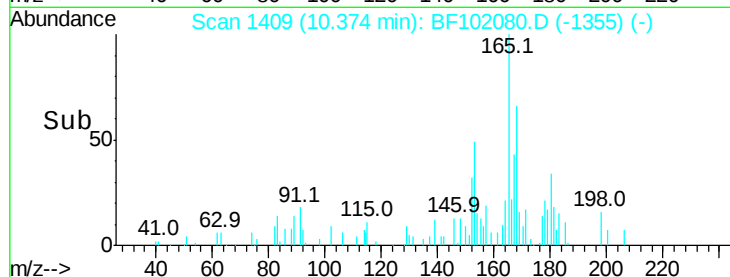
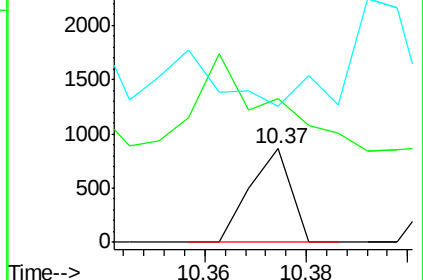
105 145.7 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.733 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF102080.D

Acq: 15 Jan 2018 23:07

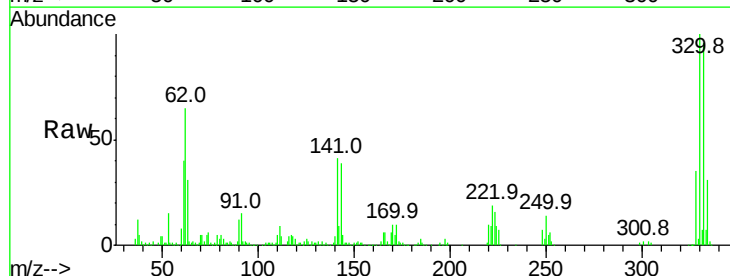
Tgt Ion:248 Resp: 14091

Ion Ratio Lower Upper

248 100

250 197.3 76.9 115.3#

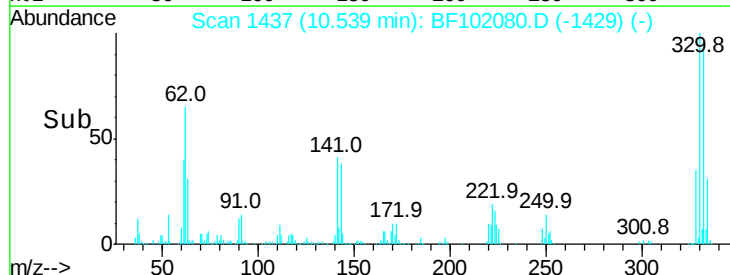
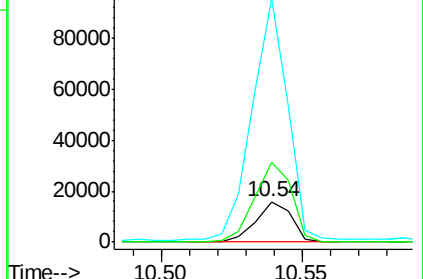
141 597.8 74.4 111.6#

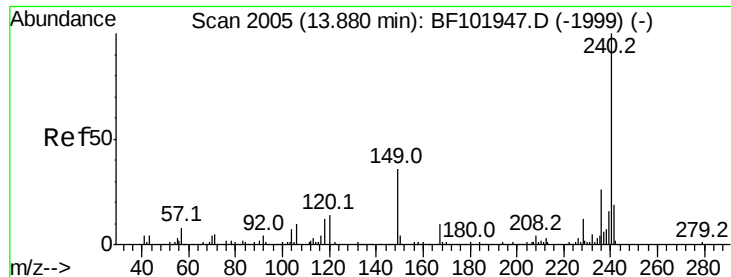


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102080.D

Acq: 15 Jan 2018 23:07

Instrument :

BNA_F

ClientSampleId :

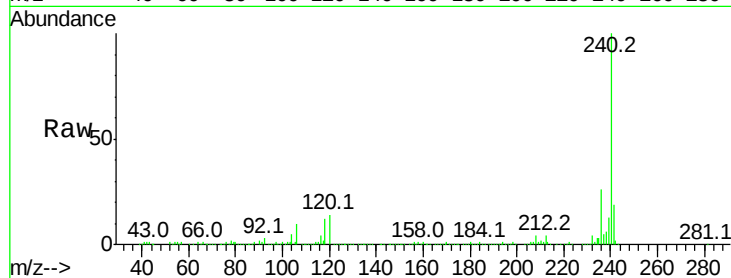
Tot Ion:240 Resp: 289690

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

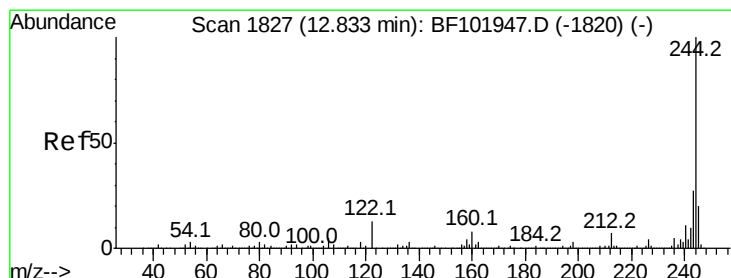
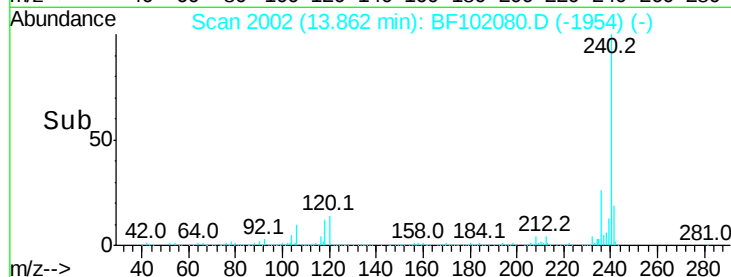
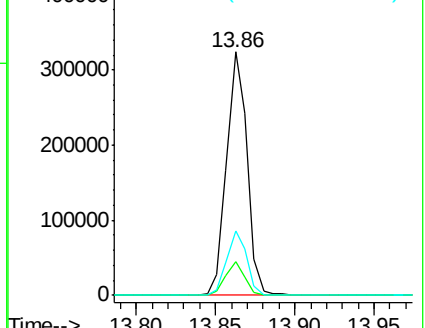
236 26.5 20.7 31.1



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: 80.004 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102080.D

Acq: 15 Jan 2018 23:07

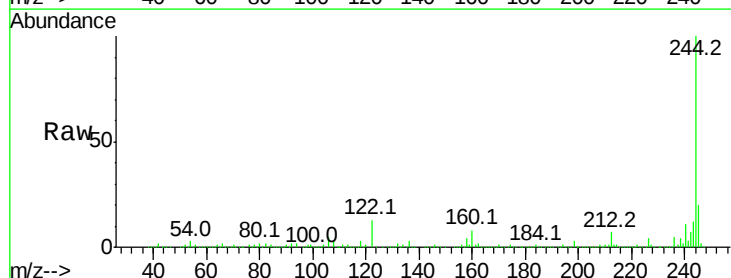
Tgt Ion:244 Resp: 1116251

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

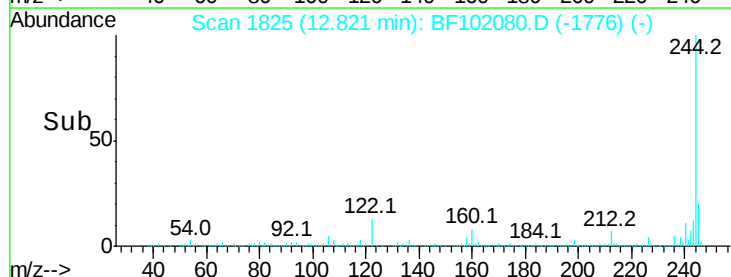
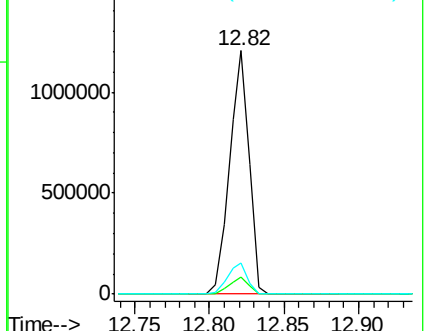
122 12.9 11.0 16.4

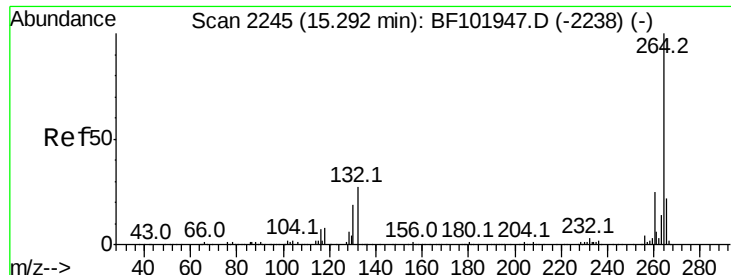


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

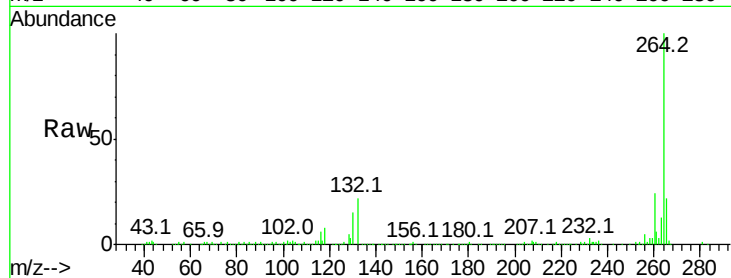




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102080.D
Acq: 15 Jan 2018 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.4	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

