

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102123.D
 Acq On : 16 Jan 2018 21:29
 Operator : SJ/JU
 Sample : J1116-05 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 02:27:42 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

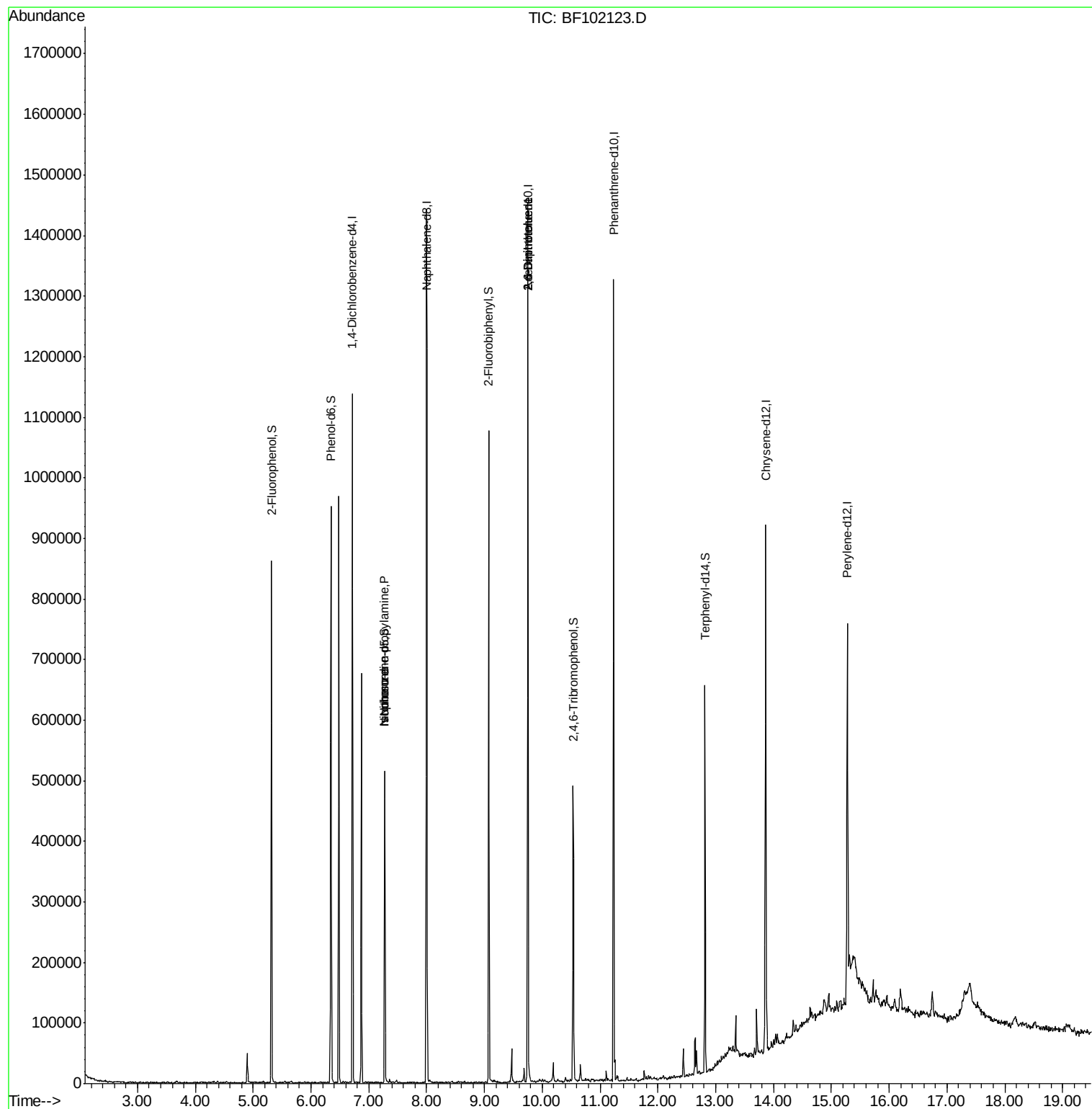
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156408	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	620813	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	265151	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	412604	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	257269	20.00	ng	-0.02
86) Perylene-d12	15.28	264	267384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	214262	19.34	ng	-0.01
7) Phenol-d6	6.35	99	255407	19.33	ng	-0.02
23) Nitrobenzene-d5	7.27	82	151318	14.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	49572	21.42	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	281643	16.59	ng	-0.02
78) Terphenyl-d14	12.82	244	187786	15.16	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	19634	2.267	ng	# 88
25) Isophorone	7.27	82	151315	7.249	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	32906	7.745	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	32906	6.179	ng	# 23

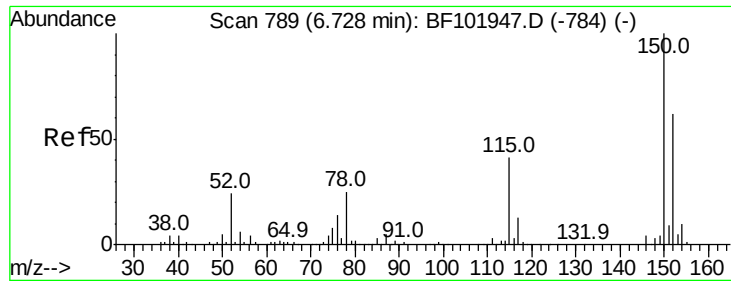
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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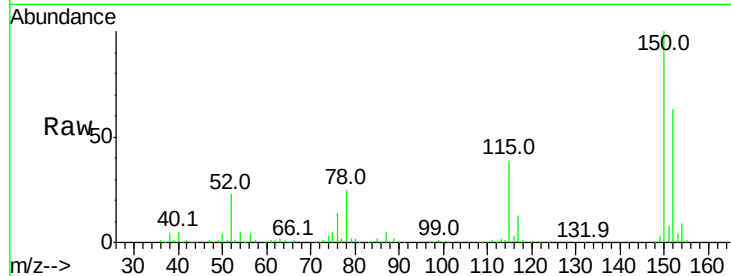


#1

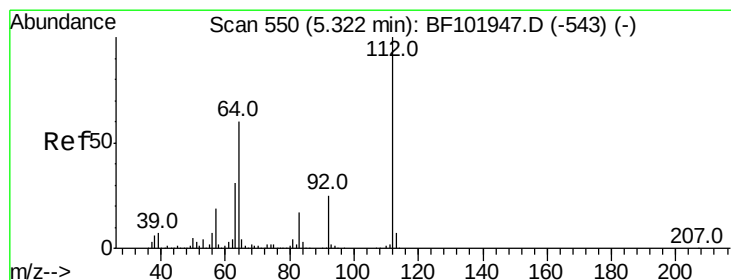
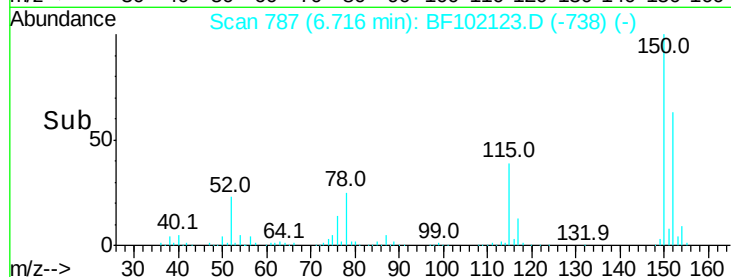
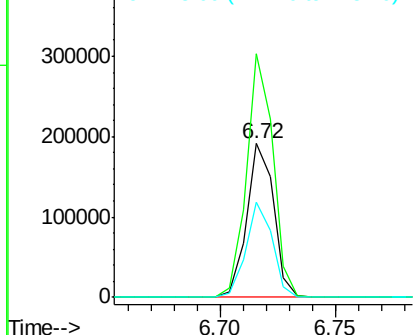
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102123.D
Acq: 16 Jan 2018 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156408
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.9 50.1 75.1



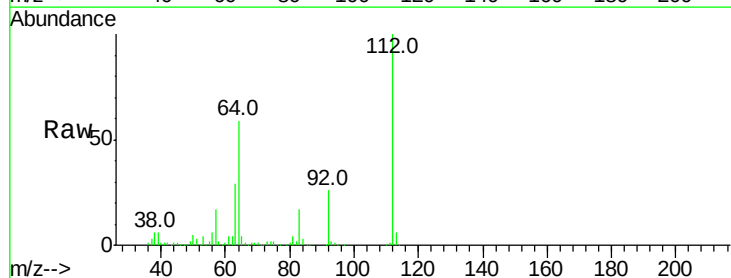
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



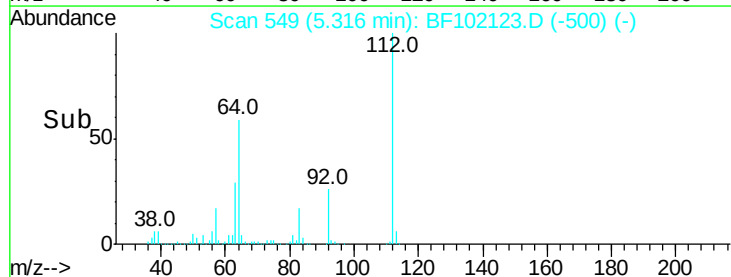
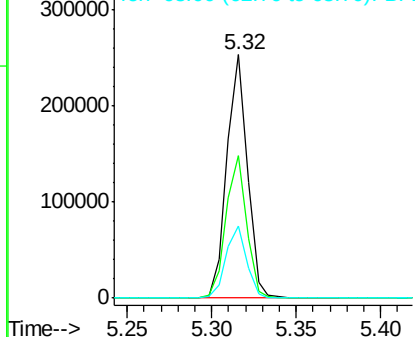
#5

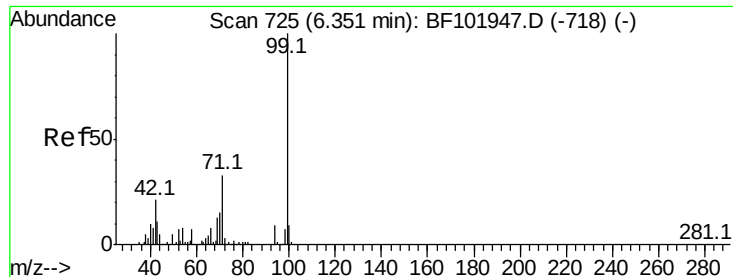
2-Fluorophenol
Concen: 19.344 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102123.D
Acq: 16 Jan 2018 21:29

Tgt Ion:112 Resp: 214262
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 29.4 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: 19.327 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF102123.D

Acq: 16 Jan 2018 21:29

Instrument :

BNA_F

ClientSampleId :

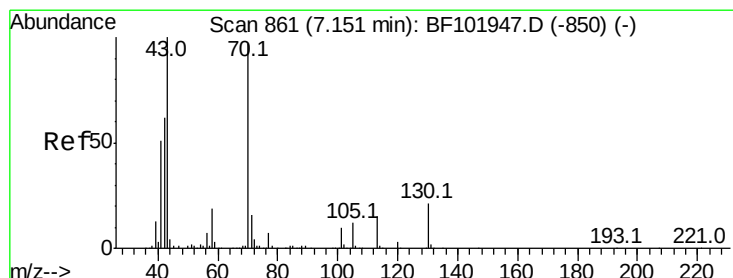
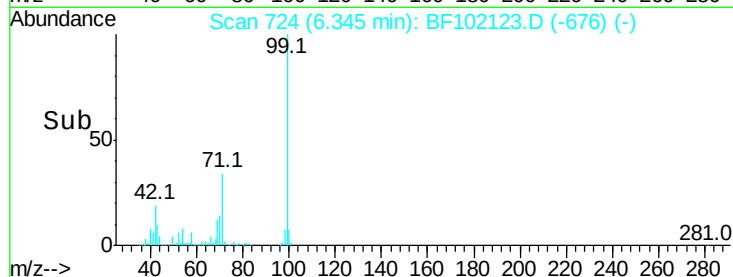
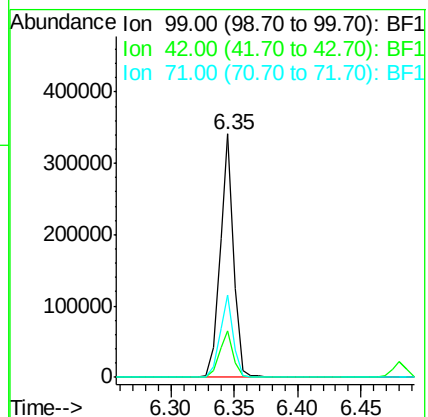
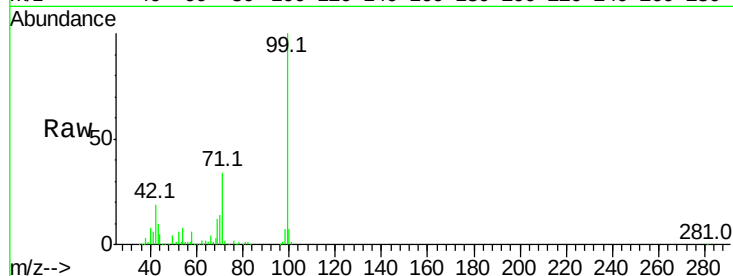
Tot Ion: 99 Resp: 255407

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 34.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.267 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF102123.D

Acq: 16 Jan 2018 21:29

Tgt Ion: 70 Resp: 19634

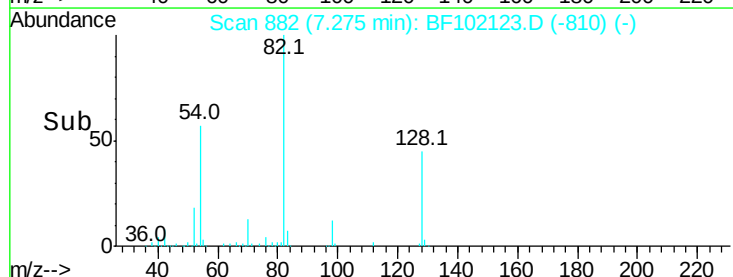
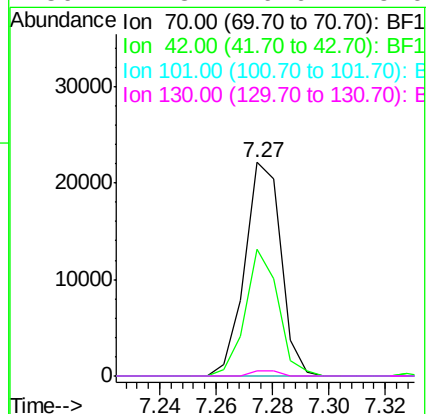
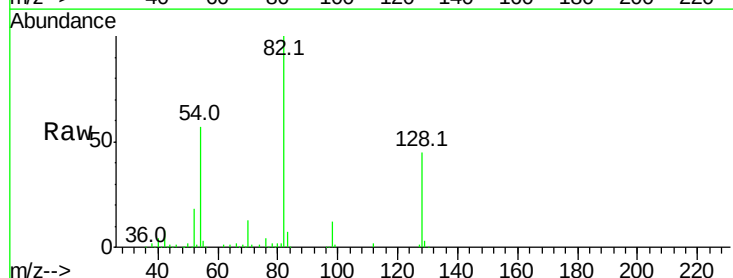
Ion Ratio Lower Upper

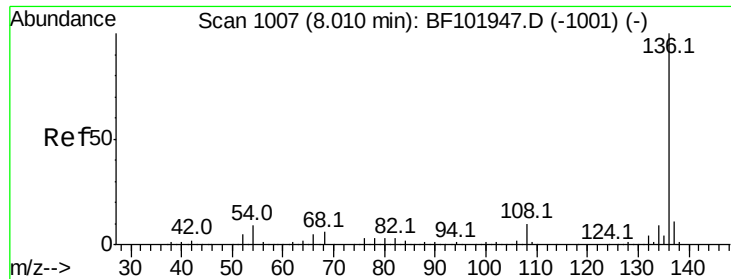
70 100

42 59.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

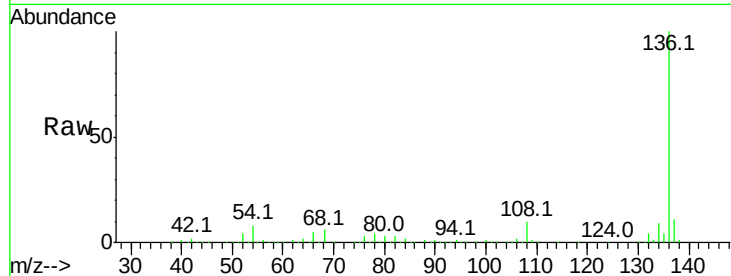




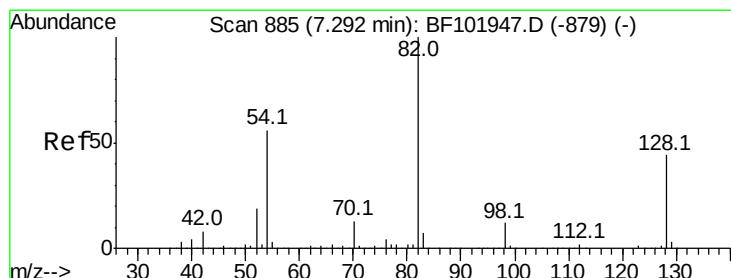
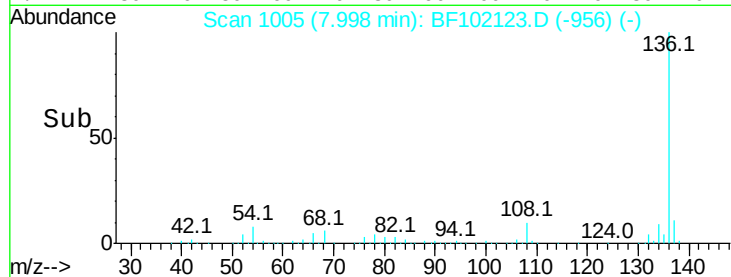
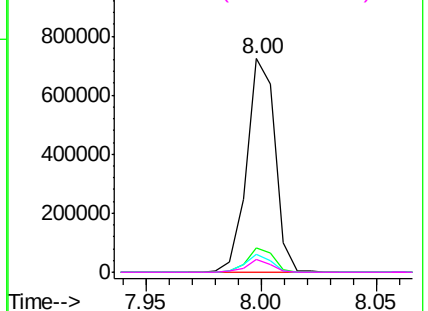
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102123.D
Acq: 16 Jan 2018 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	620813	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.9	13.3	
54 8.4	6.6	9.8	
68 5.9	5.0	7.4	

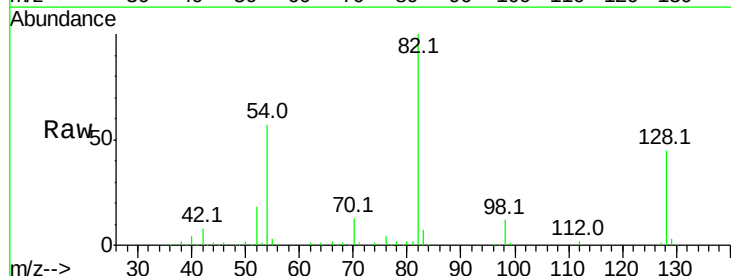


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

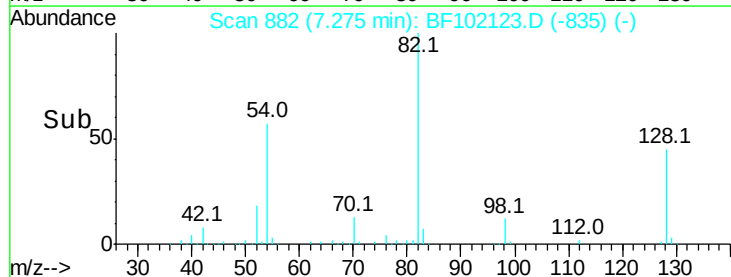
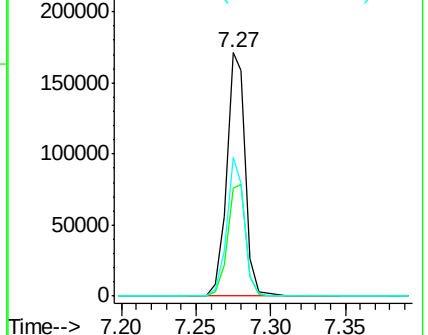


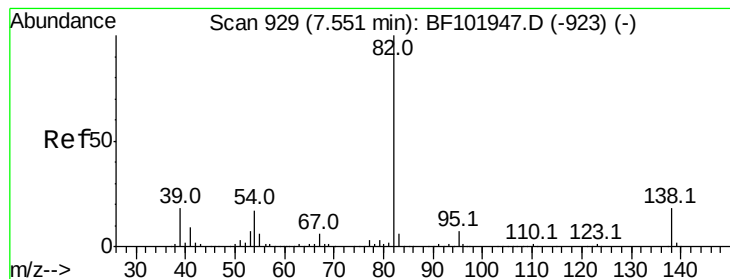
#23
Nitrobenzene-d5
Concen: 14.323 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF102123.D
Acq: 16 Jan 2018 21:29

Tgt Ion: 82	Resp: 151318
Ion Ratio	Lower Upper
82 100	
128 44.5	36.1 54.1
54 56.8	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: 7.249 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF102123.D

Acq: 16 Jan 2018 21:29

Instrument :

BNA_F

ClientSampleId :

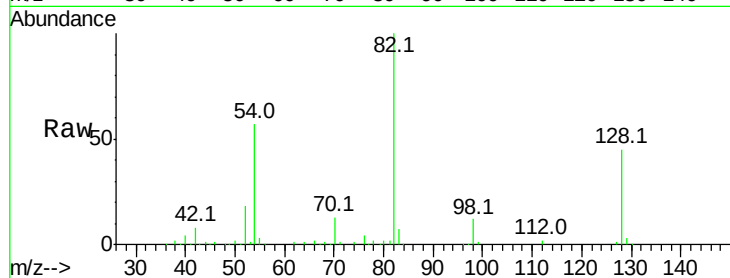
Tot Ion: 82 Resp: 151315

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

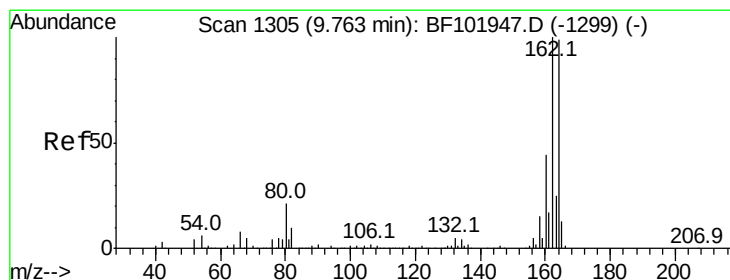
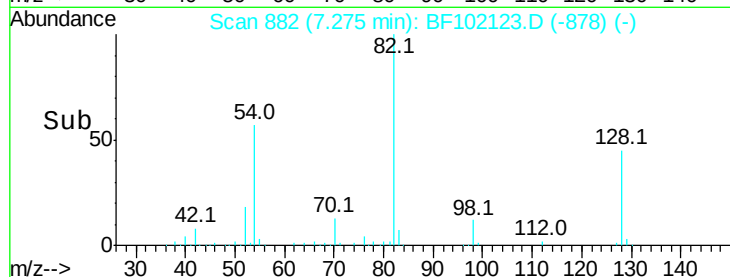
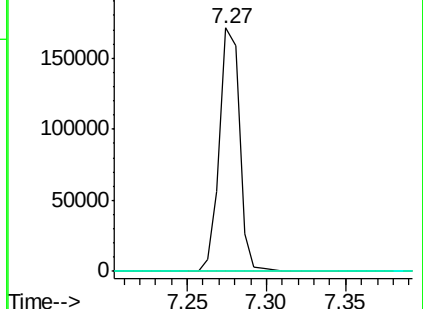
138 0.0 14.9 22.3#



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102123.D

Acq: 16 Jan 2018 21:29

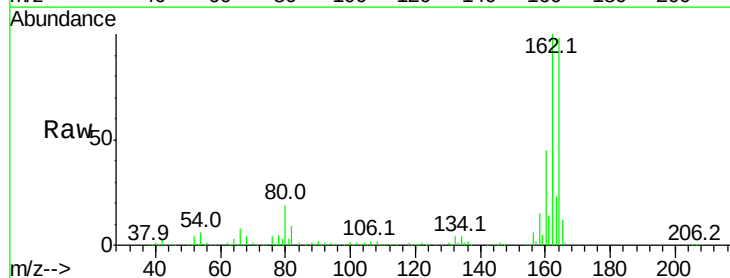
Tgt Ion:164 Resp: 265151

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

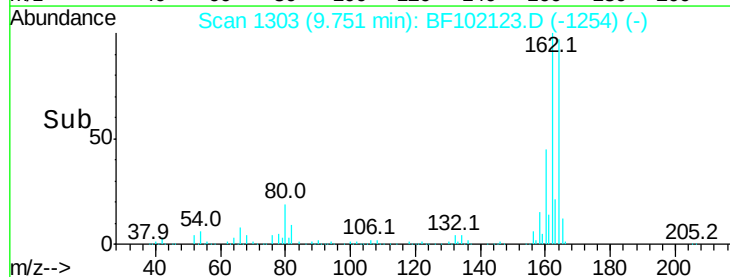
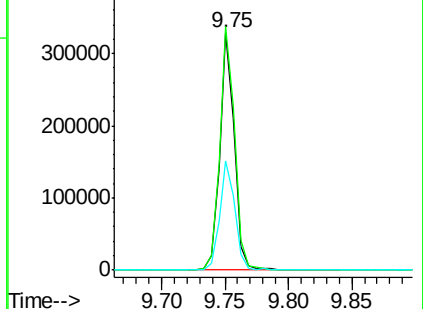
160 46.1 38.3 57.5

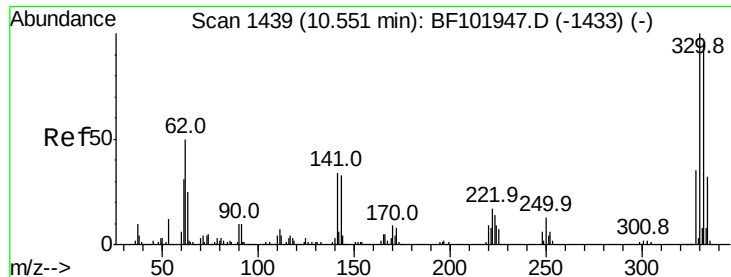


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 21.423 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102123.D

Acq: 16 Jan 2018 21:29

Instrument :

BNA_F

ClientSampleId :

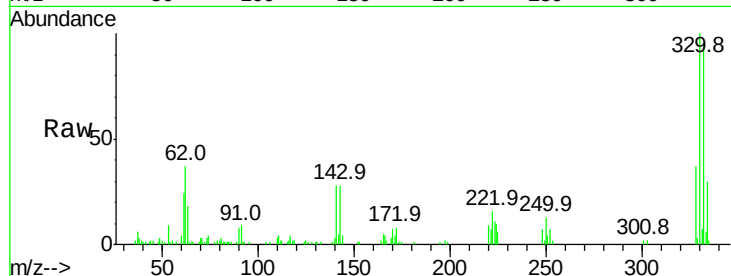
Tot Ion:330 Resp: 49572

Ion Ratio Lower Upper

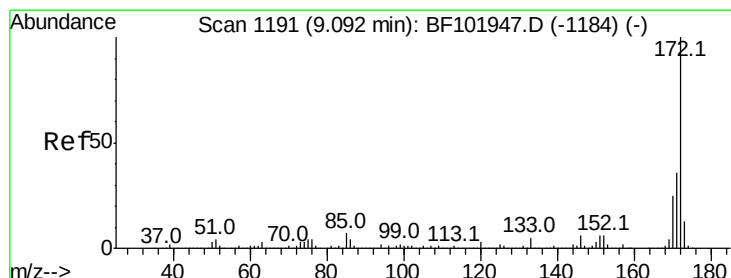
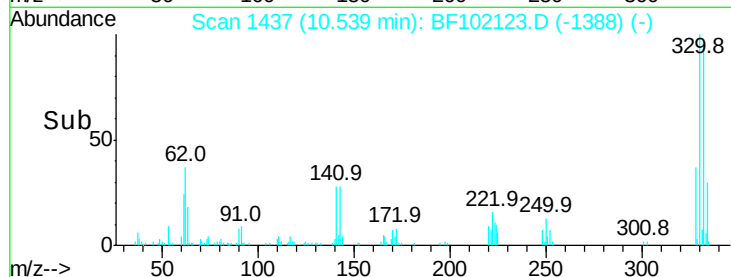
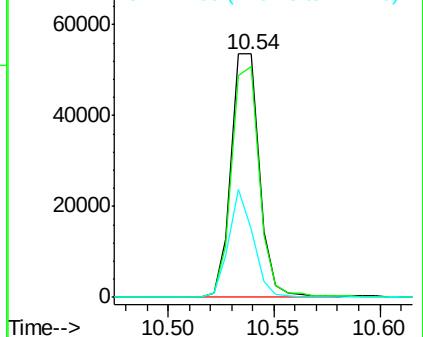
330 100

332 93.6 77.0 115.6

141 37.9 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: 16.594 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF102123.D

Acq: 16 Jan 2018 21:29

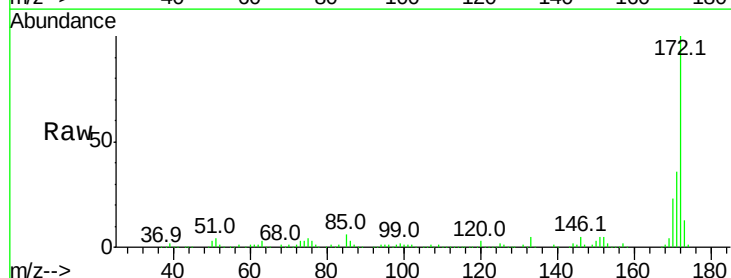
Tgt Ion:172 Resp: 281643

Ion Ratio Lower Upper

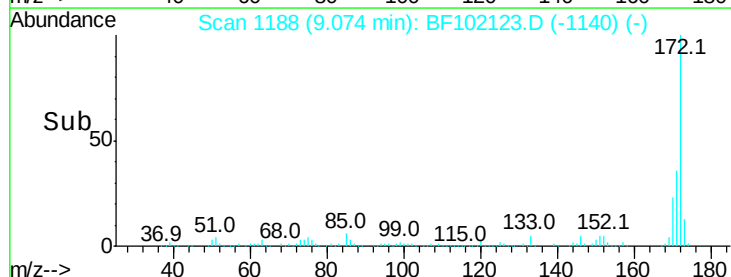
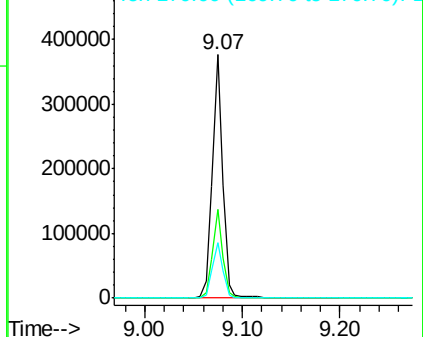
172 100

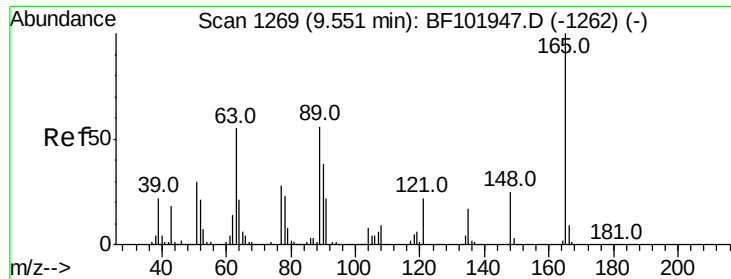
171 36.4 29.7 44.5

170 23.0 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

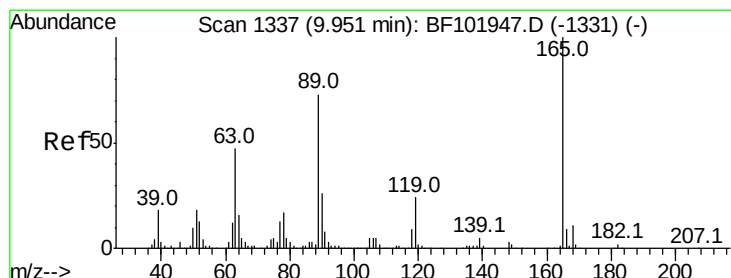
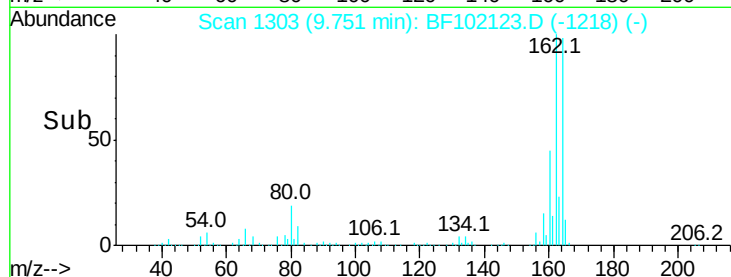
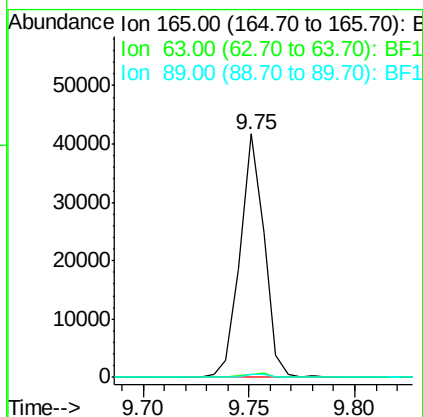
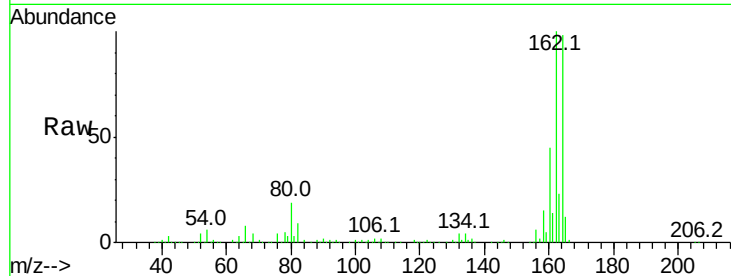




#50
 2,6-Dinitrotoluene
 Concen: 7.745 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF102123.D
 Acq: 16 Jan 2018 21:29

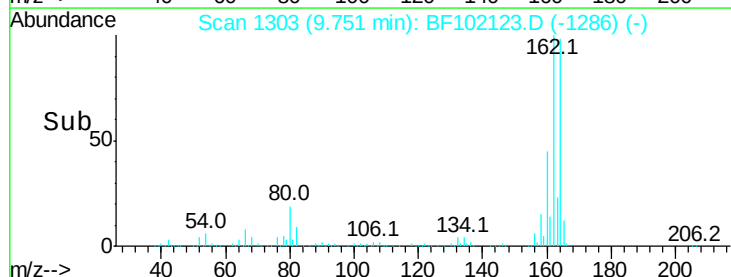
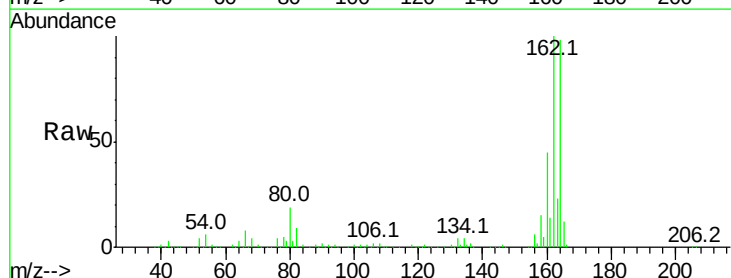
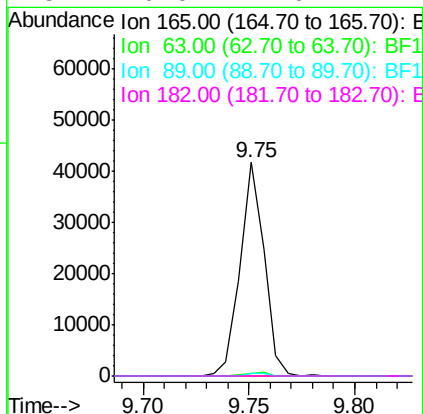
Instrument :
 BNA_F
 ClientSampled :

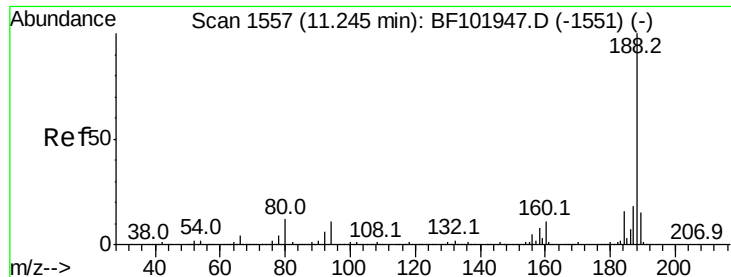
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.179 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102123.D
 Acq: 16 Jan 2018 21:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

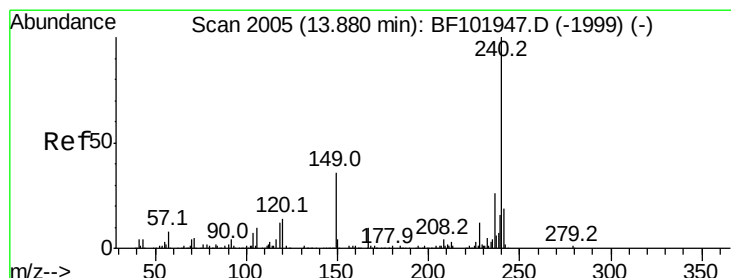
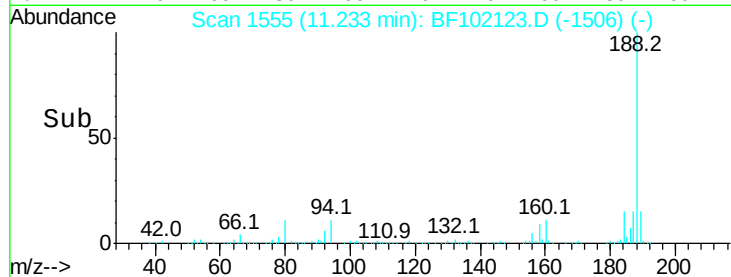
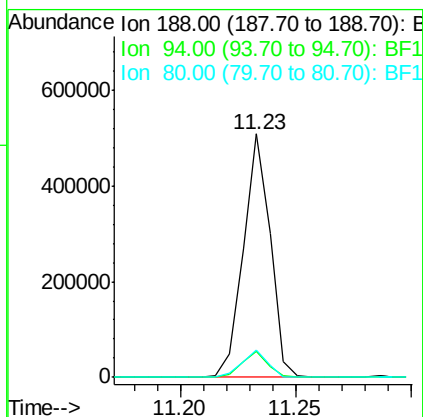
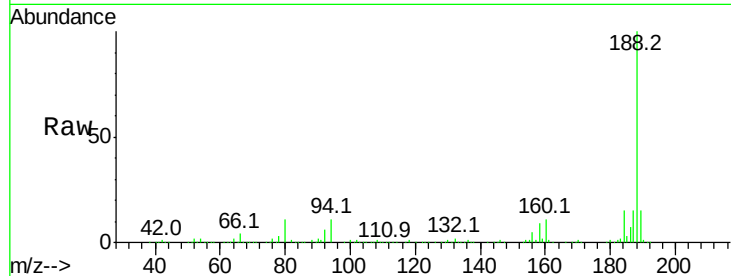




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102123.D
Acq: 16 Jan 2018 21:29

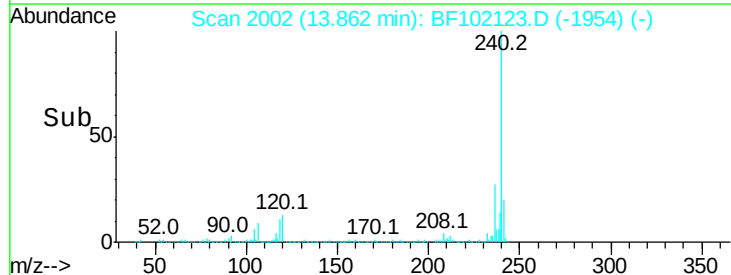
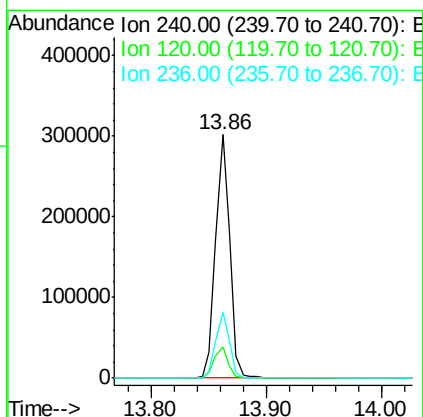
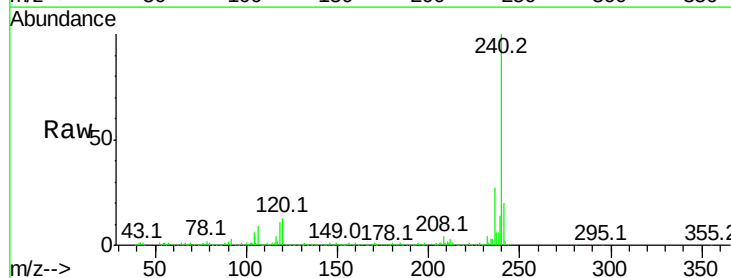
Instrument :
BNA_F
ClientSampleId :

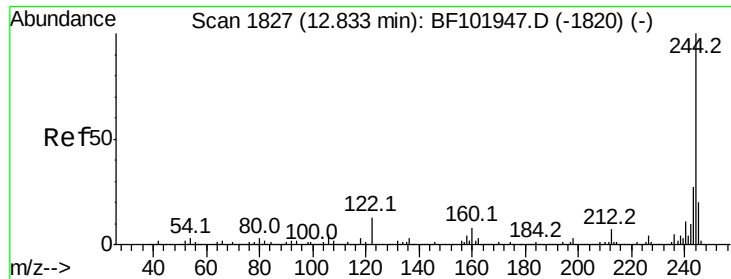
Tot Ion:188 Resp: 412604
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102123.D
Acq: 16 Jan 2018 21:29

Tgt Ion:240 Resp: 257269
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 27.0 20.7 31.1

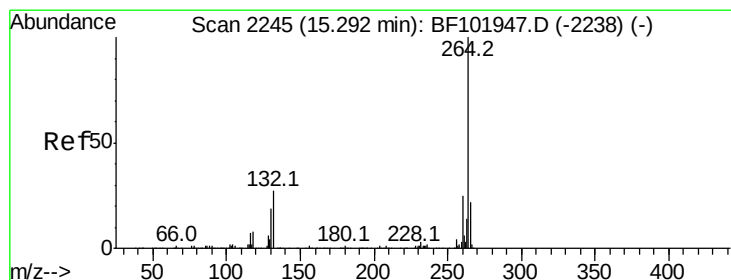
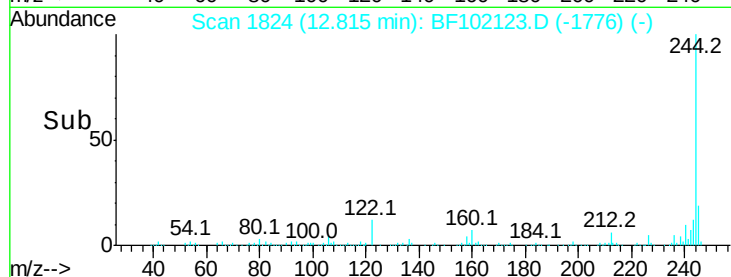
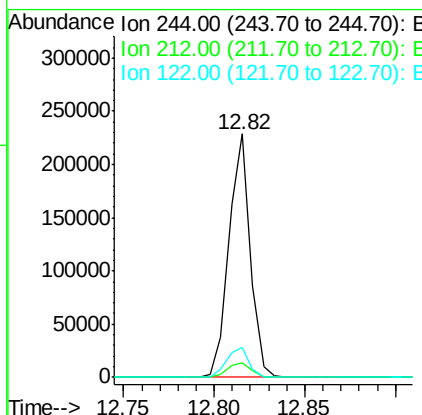
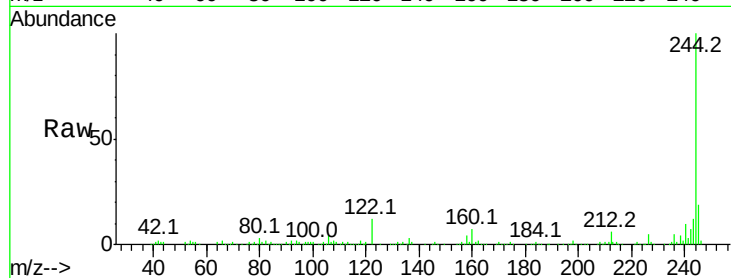




#78
 Terphenyl-d14
 Concen: 15.155 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF102123.D
 Acq: 16 Jan 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 187786
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102123.D
 Acq: 16 Jan 2018 21:29

Tgt Ion:264 Resp: 267384
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 22.0 17.5 26.3

