

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104022.D
 Acq On : 28 Mar 2018 20:43
 Operator : JU/SJ
 Sample : J2072-05 100X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 01:52:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

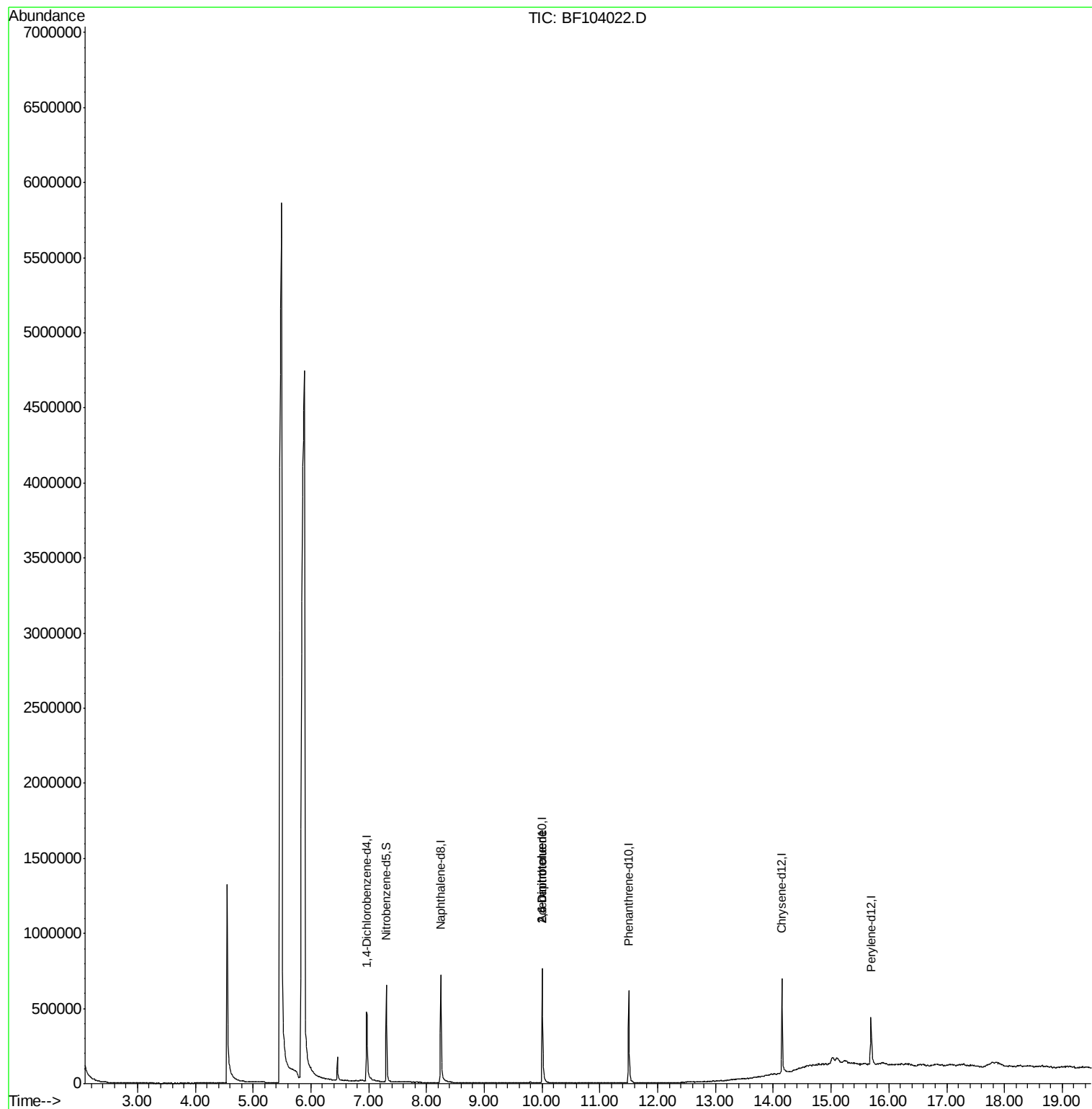
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118154	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	466145	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	196489	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	294059	20.00	ng	0.00
75) Chrysene-d12	14.15	240	236554	20.00	ng	0.00
86) Perylene-d12	15.69	264	194750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.60	99	118	0.01	ng	0.00
23) Nitrobenzene-d5	7.30	82	16067	2.11	ng	-0.23
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	13.08	244	221	0.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	563	Below Cal		Qvalue
50) 2,6-Dinitrotoluene	10.00	165	24273	7.273 ng	#	1
56) 2,4-Dinitrotoluene	10.00	165	24561	5.767 ng	#	24
					#	21

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

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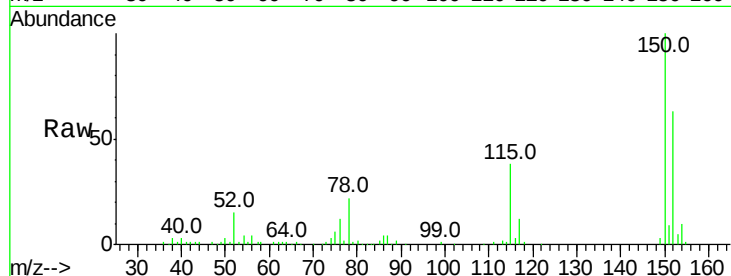


#1

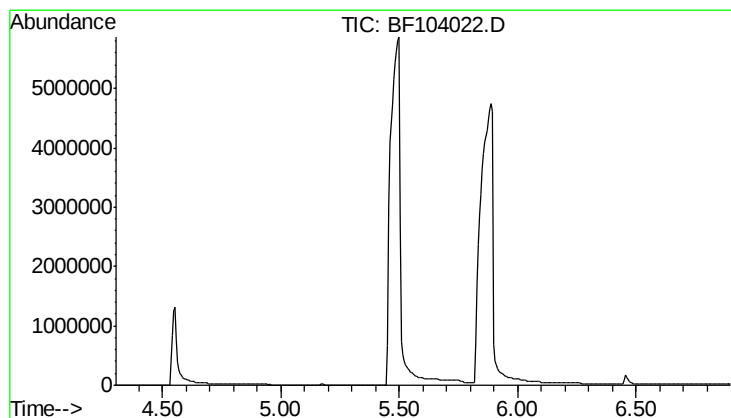
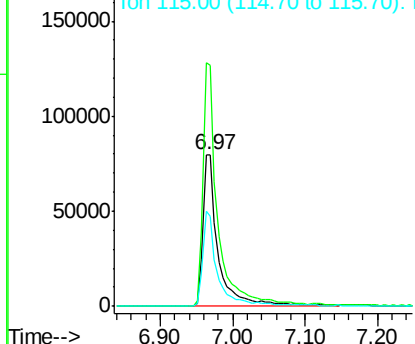
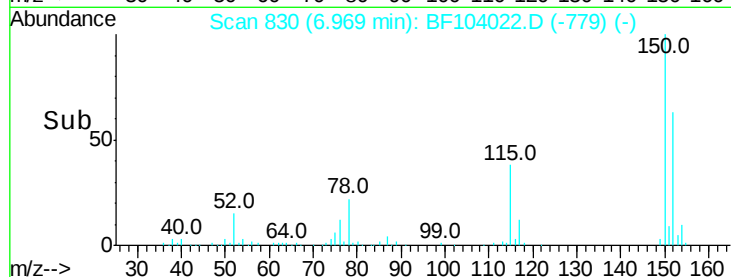
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104022.D
 Acq: 28 Mar 2018 20:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 118154
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.6 186.8
 115 59.6 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

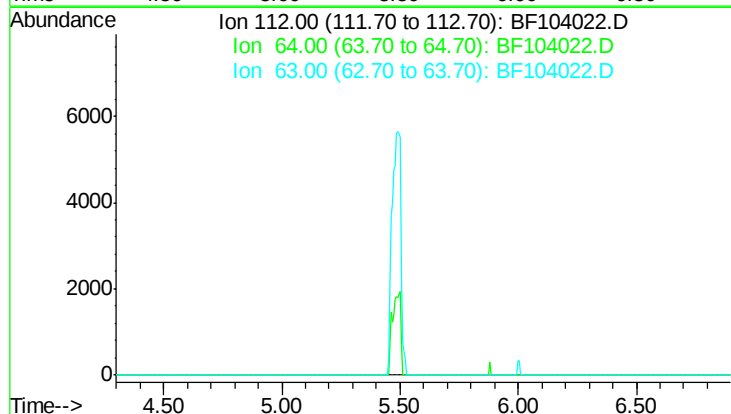


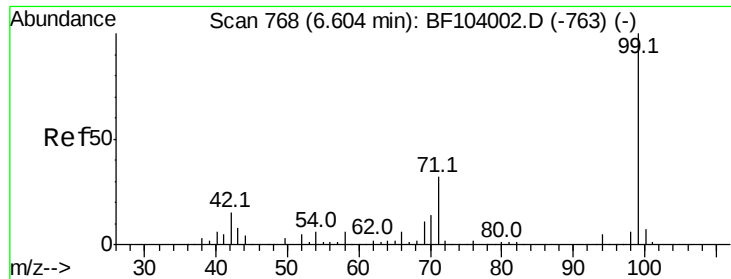
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.60 min

Lab File: BF104022.D
 Acq: 28 Mar 2018 20:43

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 0.013 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104022.D

Acq: 28 Mar 2018 20:43

Instrument :

BNA_F

ClientSampleId :

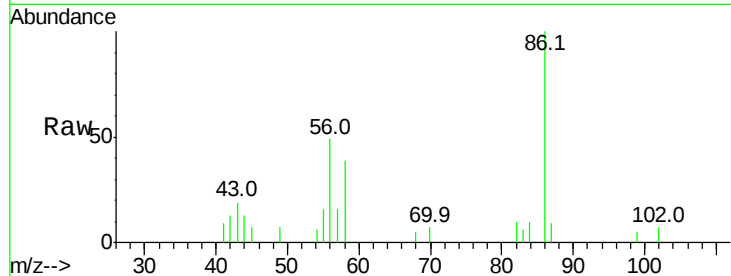
Tot Ion: 99 Resp: 118

Ion Ratio Lower Upper

99 100

42 242.6 14.5 21.7#

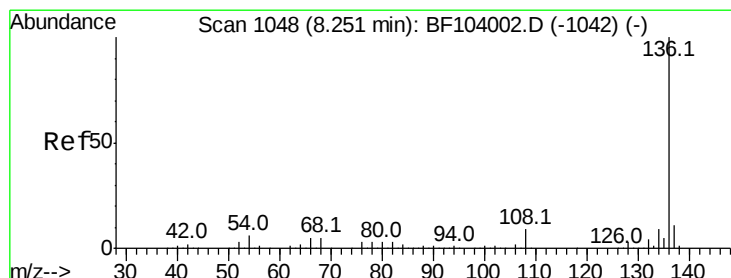
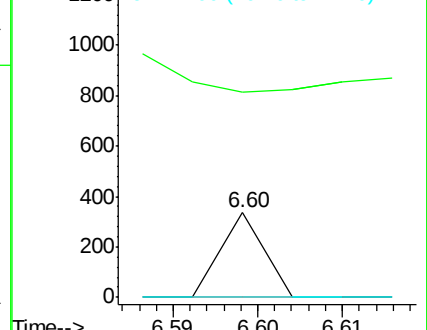
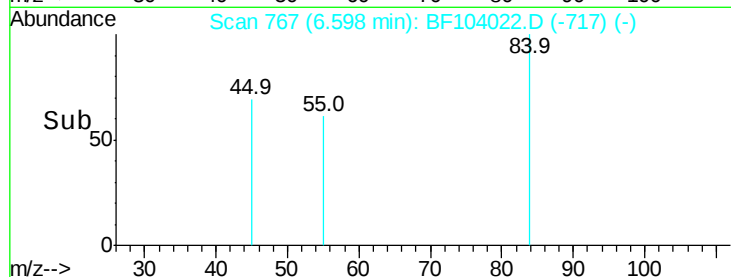
71 0.0 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104022.D

Acq: 28 Mar 2018 20:43

Tgt Ion: 136 Resp: 466145

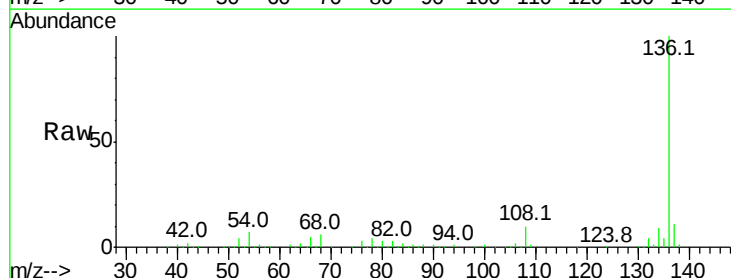
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 6.6 9.8

68 6.0 5.0 7.4

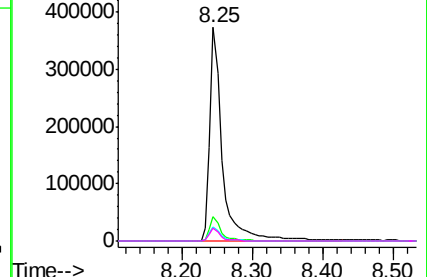
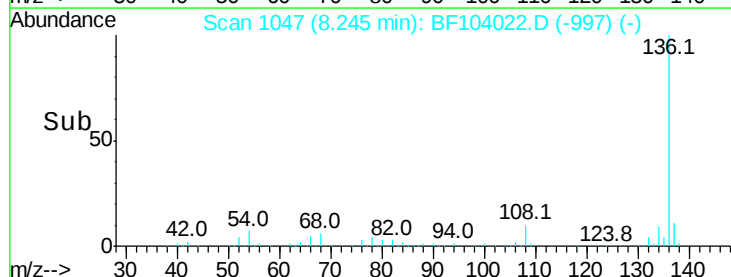


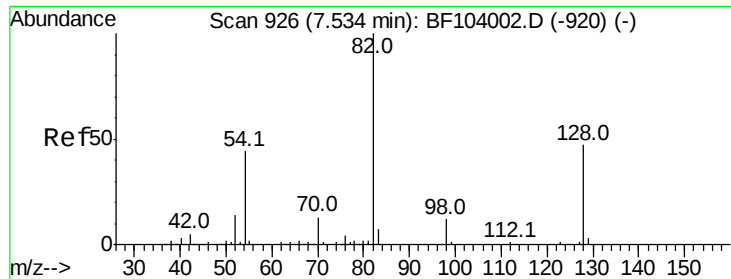
Abundance Ion 136.00 (135.70 to 136.70): E

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

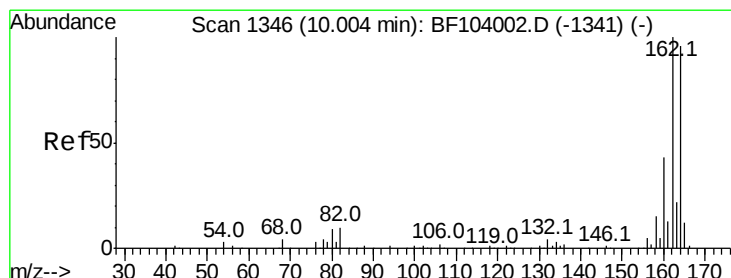
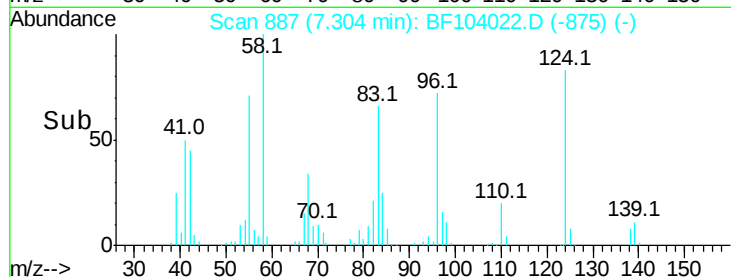
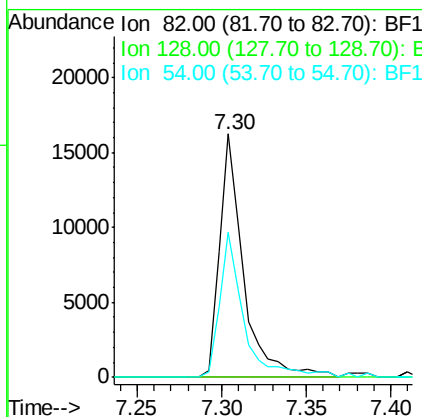
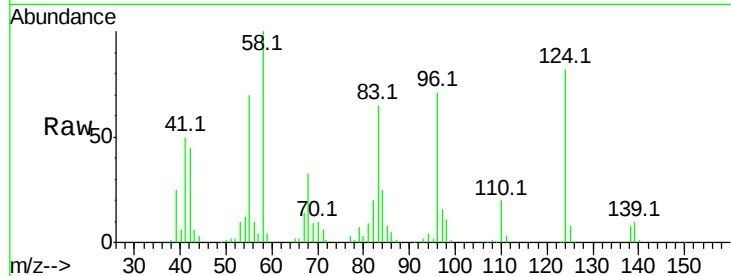




#23
 Nitrobenzene-d5
 Concen: 2.108 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.23 min
 Lab File: BF104022.D
 Acq: 28 Mar 2018 20:43

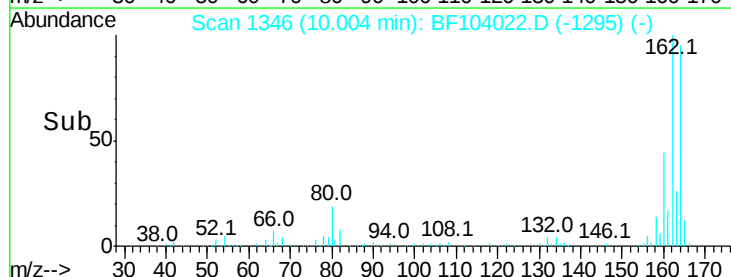
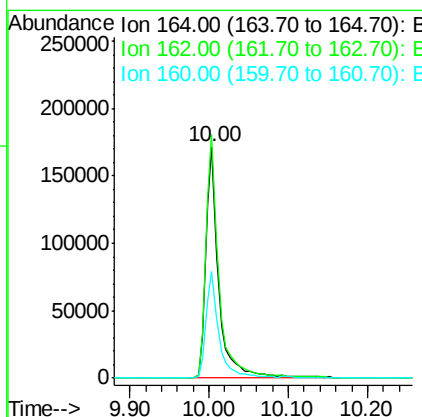
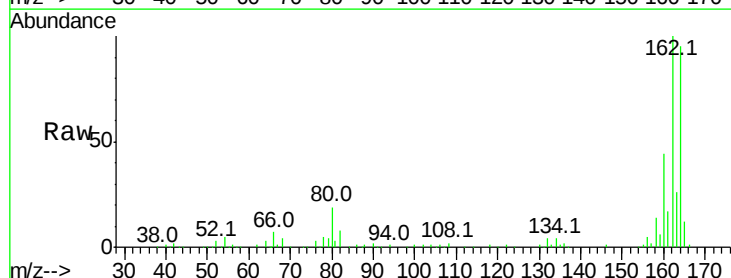
Instrument :
 BNA_F
 ClientSampled :

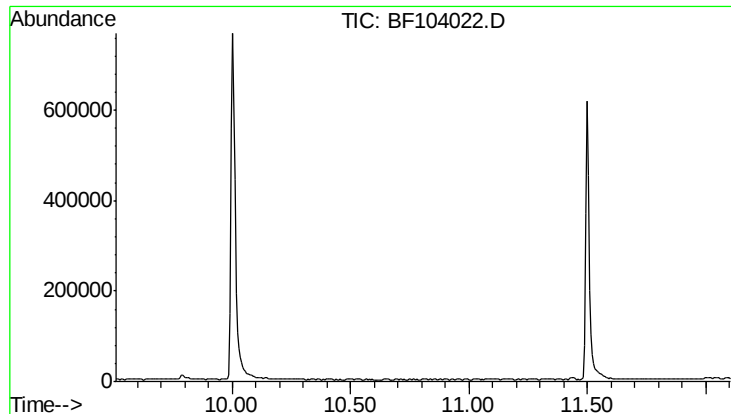
Tot Ion: 82 Resp: 16067
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.1 54.1#
 54 59.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104022.D
 Acq: 28 Mar 2018 20:43

Tgt Ion:164 Resp: 196489
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 46.1 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.80 min

Lab File: BF104022.D

Acq: 28 Mar 2018 20:43

Instrument :

BNA_F

ClientSampleId :

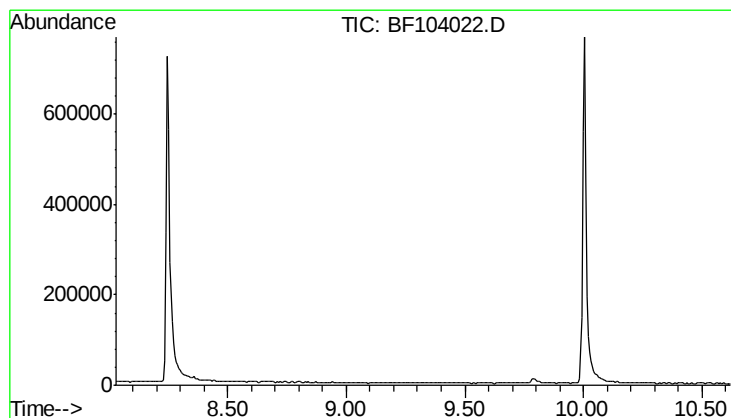
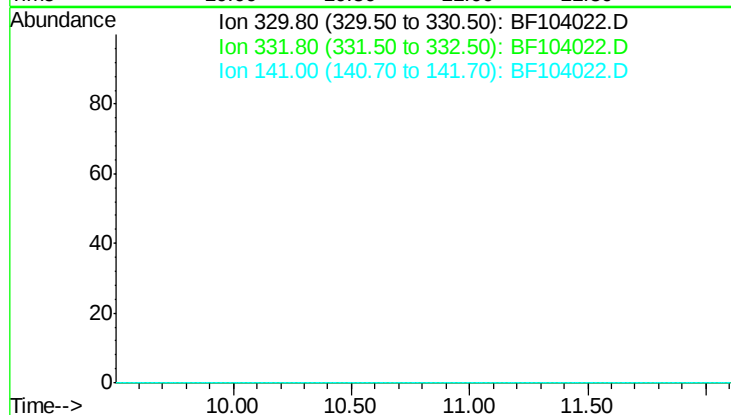
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.3

141 37.4



#44

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.32 min

Lab File: BF104022.D

Acq: 28 Mar 2018 20:43

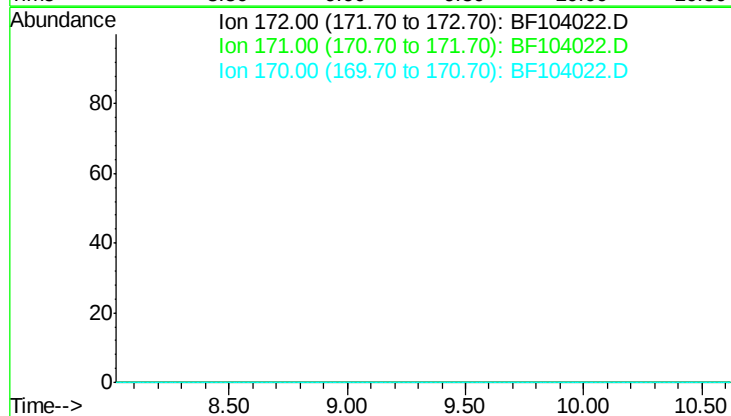
Tgt Ion: 172

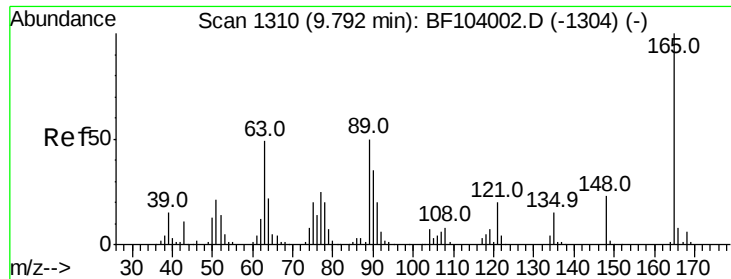
Sig Exp Ratio

172 100

171 37.1

170 24.5

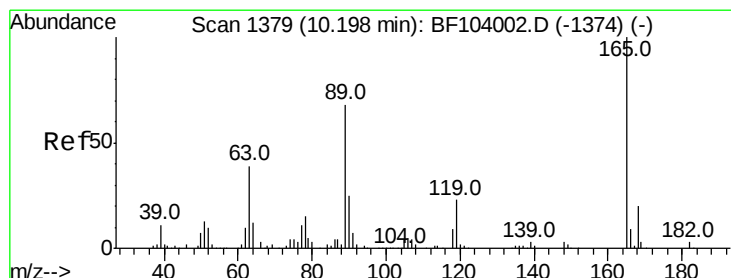
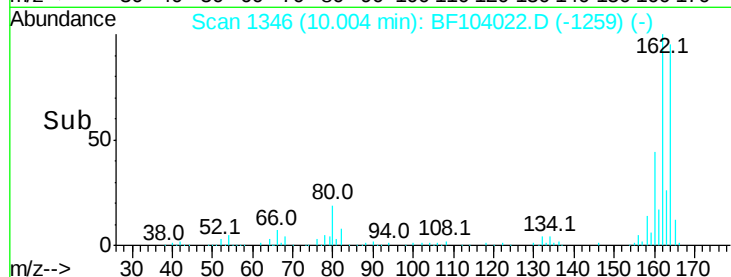
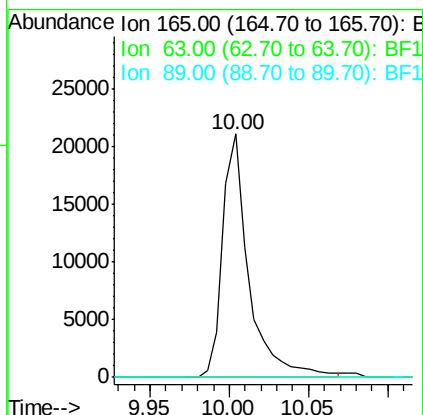
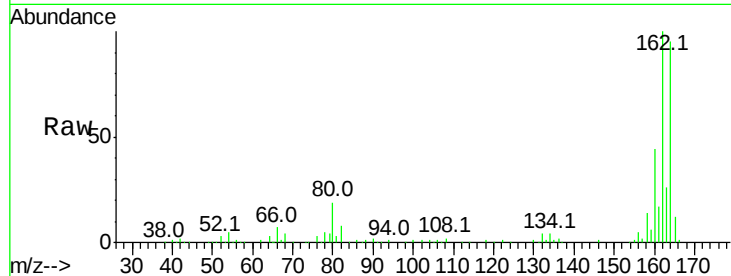




#50
 2,6-Dinitrotoluene
 Concen: 7.273 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF104022.D
 Acq: 28 Mar 2018 20:43

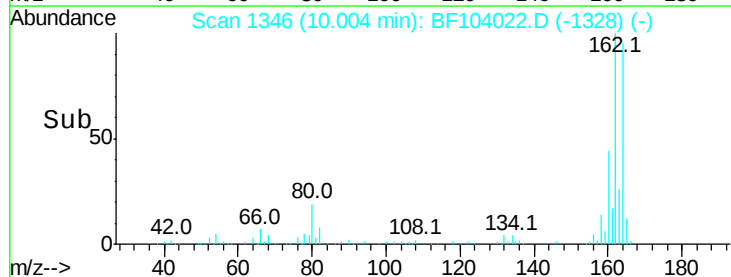
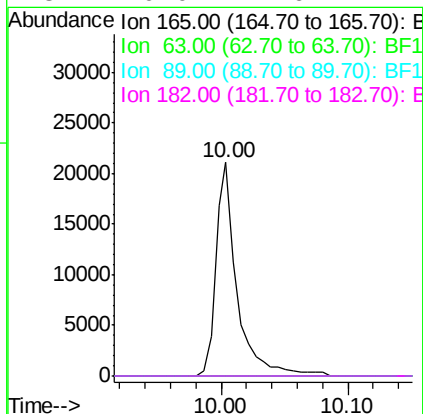
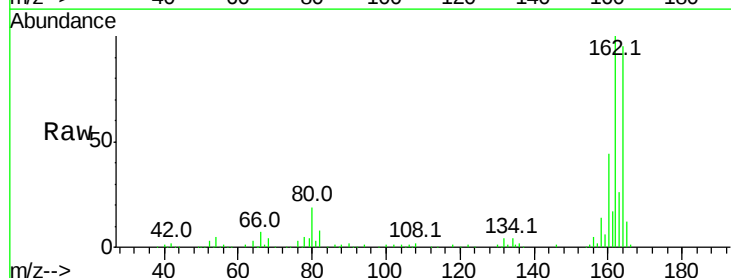
Instrument :
 BNA_F
 ClientSampled :

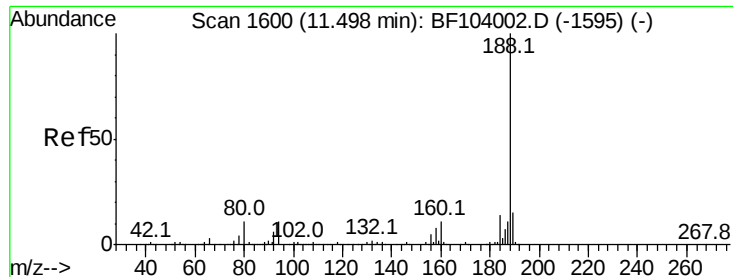
Tot Ion:165 Resp: 24273
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.767 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.19 min
 Lab File: BF104022.D
 Acq: 28 Mar 2018 20:43

Tgt Ion:165 Resp: 24561
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

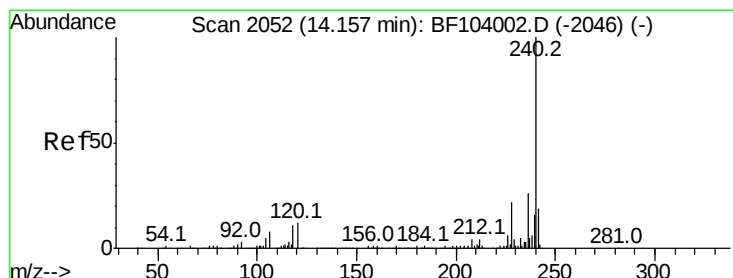
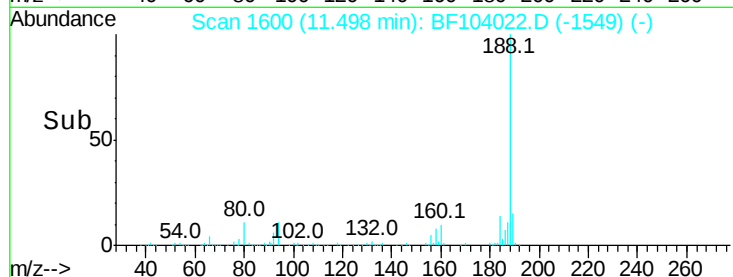
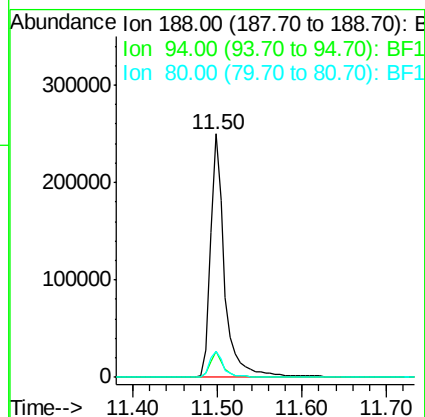
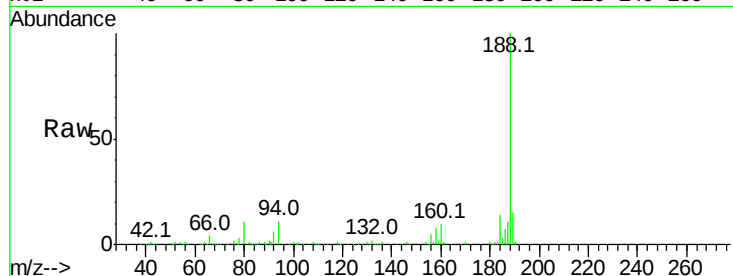




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104022.D
Acq: 28 Mar 2018 20:43

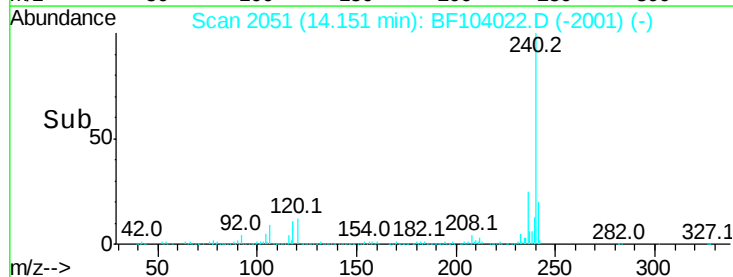
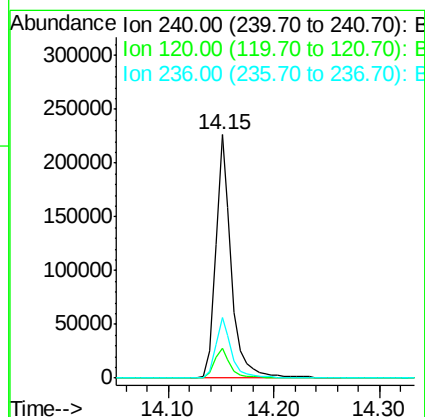
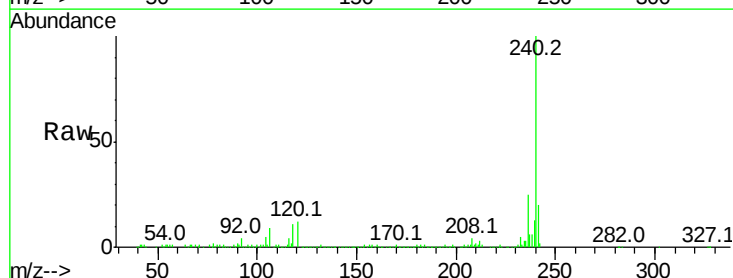
Instrument :
BNA_F
ClientSampleId :

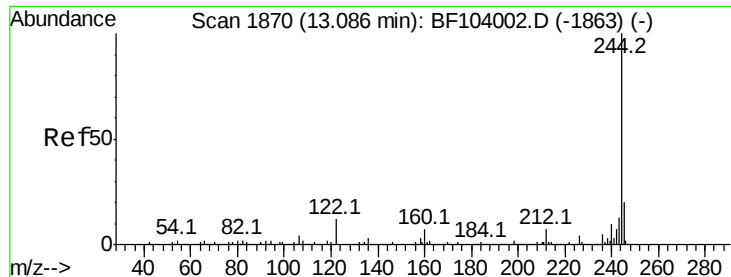
Tot Ion:188 Resp: 294059
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104022.D
Acq: 28 Mar 2018 20:43

Tgt Ion:240 Resp: 236554
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 24.9 20.7 31.1





#78

Terphenyl-d14

Concen: 0.022 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104022.D

Acq: 28 Mar 2018 20:43

Instrument :

BNA_F

ClientSampleId :

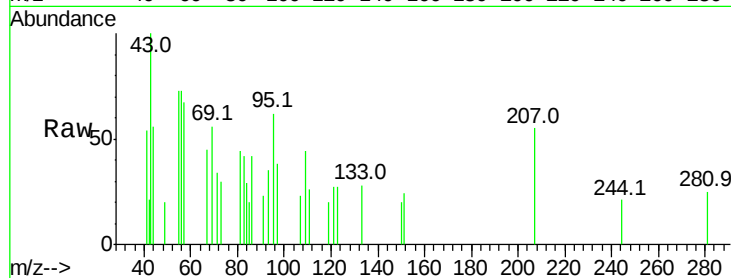
Tot Ion:244 Resp: 221

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

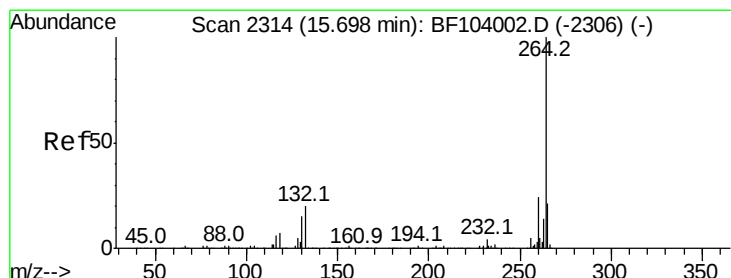
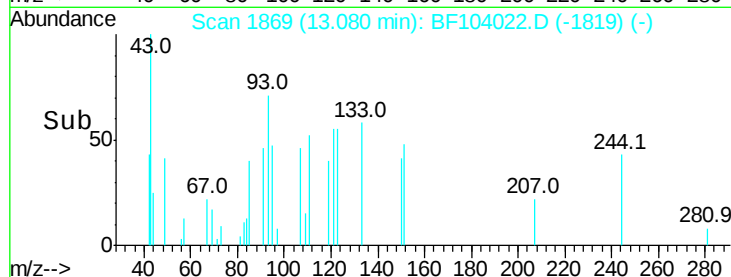
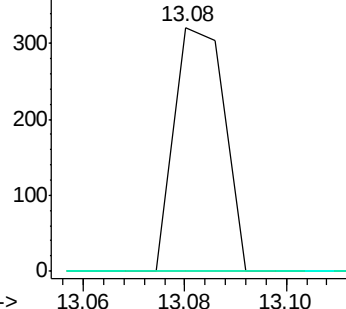
122 0.0 11.0 16.4#



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: 15.69 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BF104022.D

Acq: 28 Mar 2018 20:43

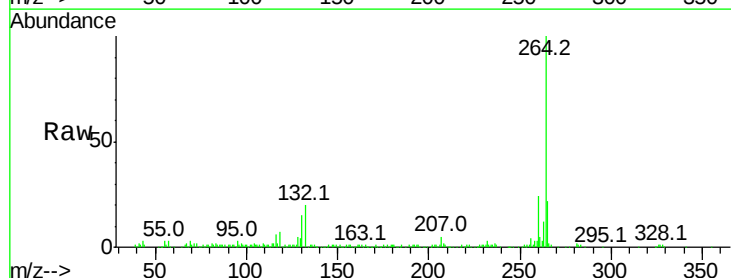
Tgt Ion:264 Resp: 194750

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 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

