

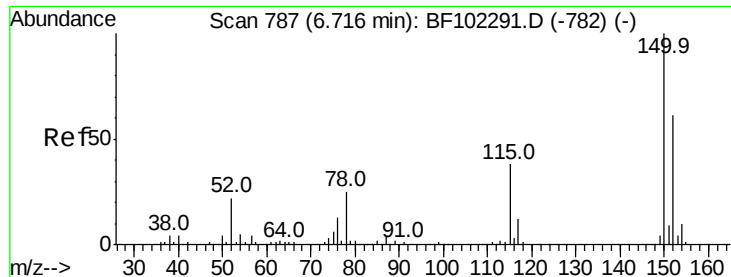
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102664.D
 Acq On : 31 Jan 2018 19:36
 Operator : SJ/JU
 Sample : J1015-22 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 00:01:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	135897	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	581394	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	251191	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	403017	20.00	ng	0.00
75) Chrysene-d12	13.86	240	254863	20.00	ng	-0.01
86) Perylene-d12	15.28	264	275582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	16894	1.88	ng	0.02
7) Phenol-d6	6.38	99	25029	2.32	ng	0.02
23) Nitrobenzene-d5	7.28	82	13462	1.33	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	4312	1.73	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	32831	1.92	ng	0.00
78) Terphenyl-d14	12.80	244	23236	2.06	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.73	165	31018	6.929	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	31018	5.635	ng	# 24

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

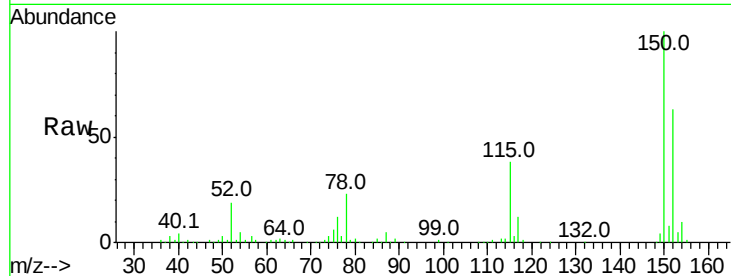


#1

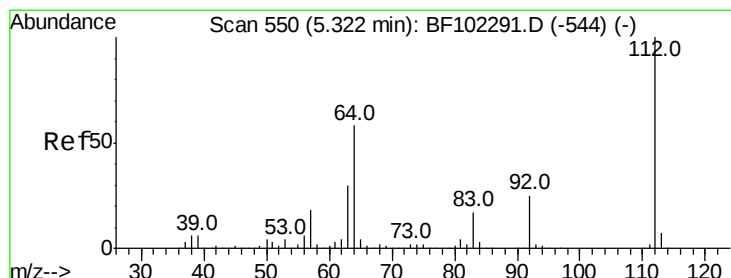
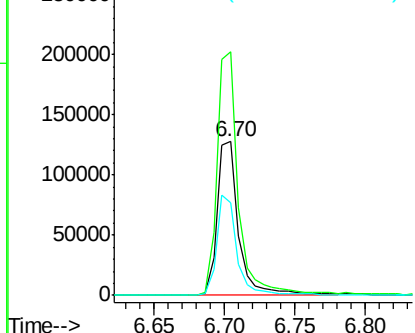
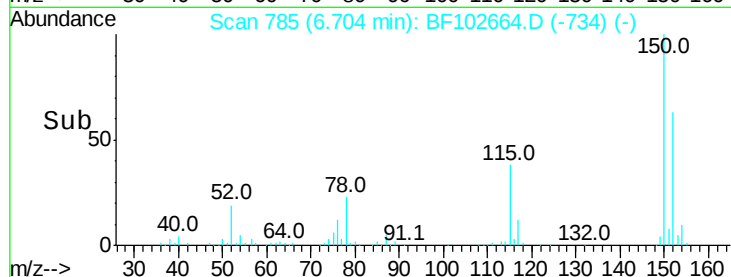
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF102664.D
Acq: 31 Jan 2018 19:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 135897
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.3 50.1 75.1



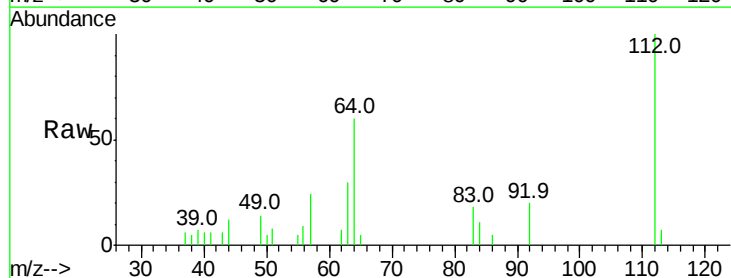
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



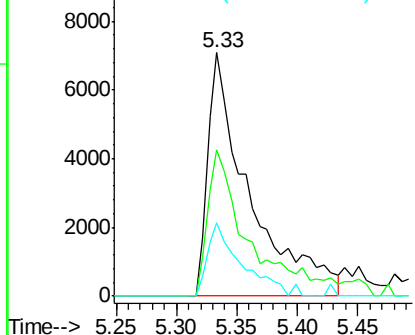
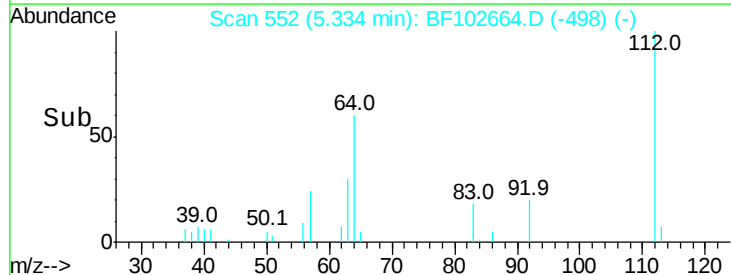
#5

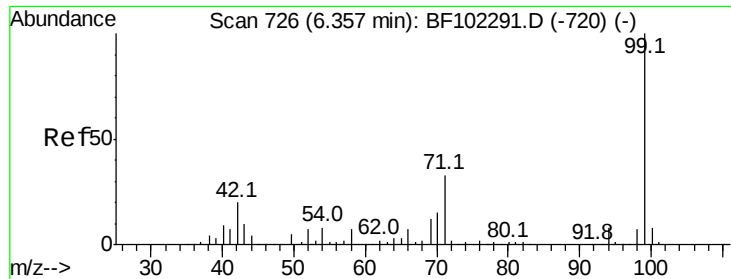
2-Fluorophenol
Concen: 1.885 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF102664.D
Acq: 31 Jan 2018 19:36

Tgt Ion:112 Resp: 16894
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 30.2 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: 2.316 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102664.D

Acq: 31 Jan 2018 19:36

Instrument :

BNA_F

ClientSampleId :

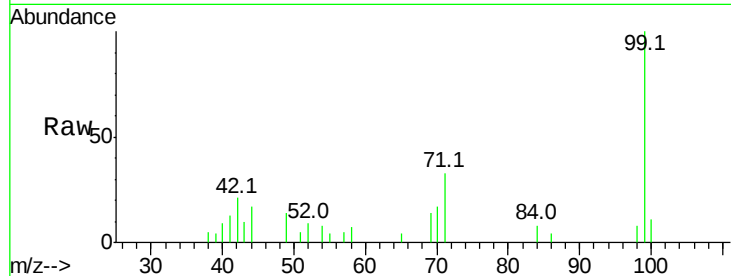
Tot Ion: 99 Resp: 25029

Ion Ratio Lower Upper

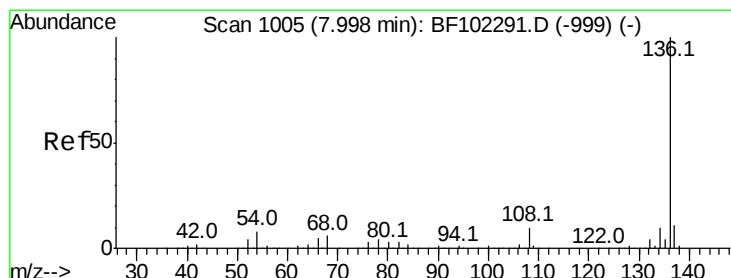
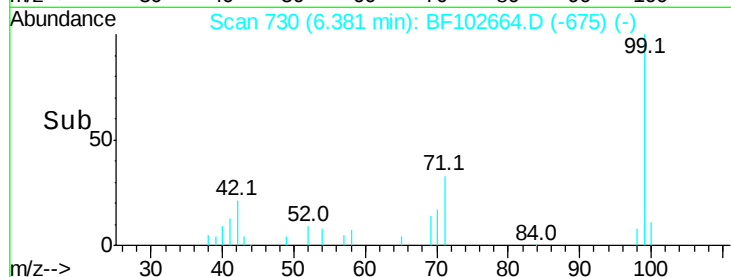
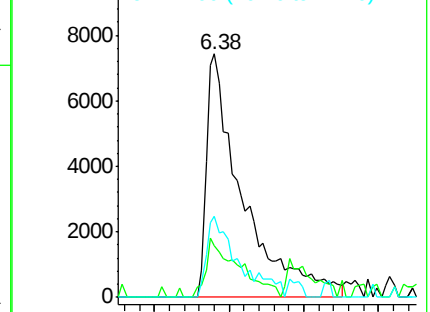
99 100

42 21.1 14.5 21.7

71 33.1 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: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF102664.D

Acq: 31 Jan 2018 19:36

Tgt Ion: 136 Resp: 581394

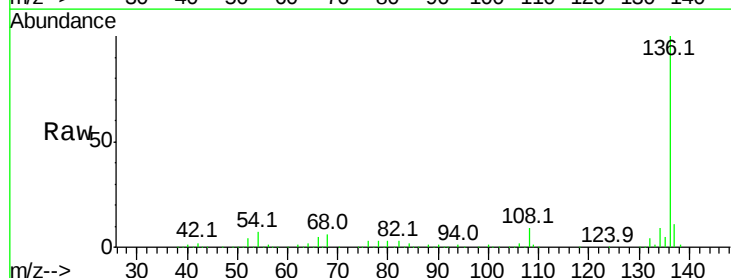
Ion Ratio Lower Upper

136 100

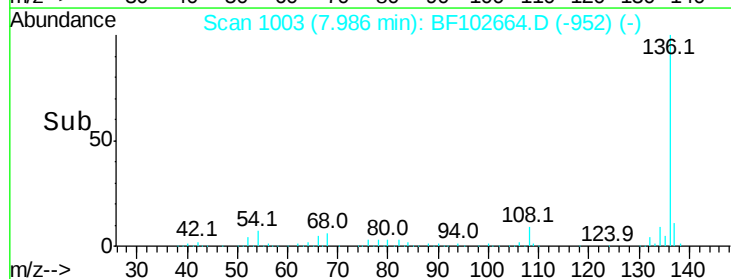
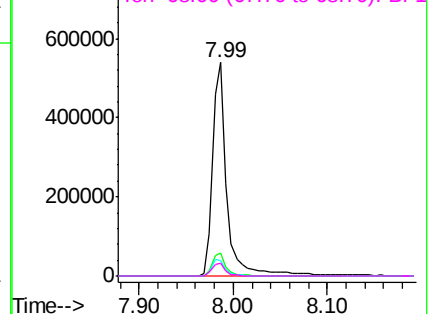
137 11.0 8.9 13.3

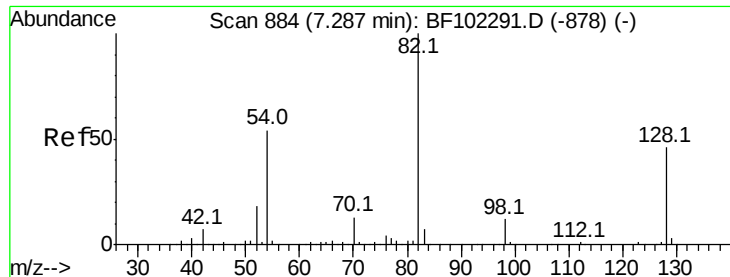
54 7.4 6.6 9.8

68 5.8 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

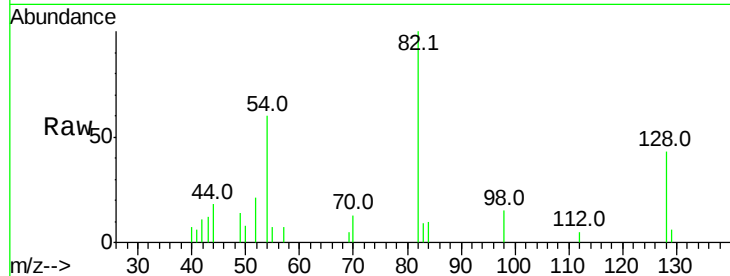




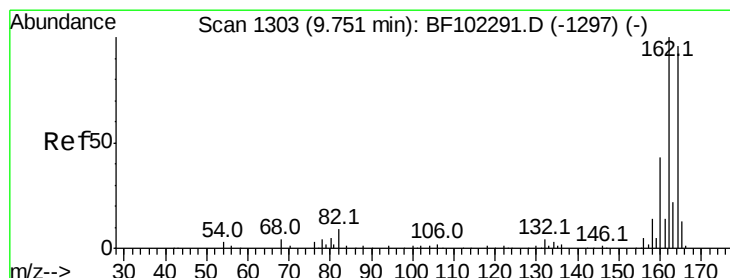
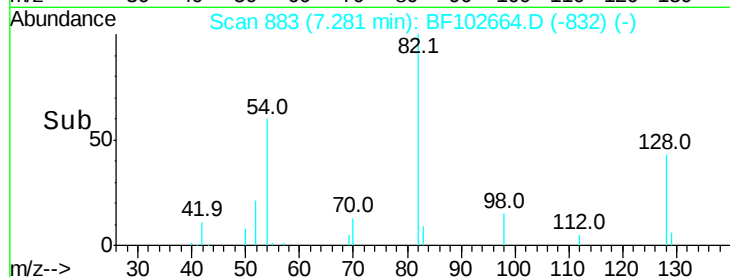
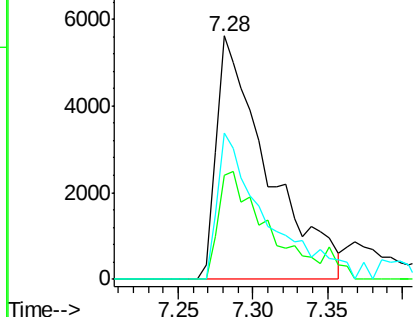
#23
 Nitrobenzene-d5
 Concen: 1.331 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF102664.D
 Acq: 31 Jan 2018 19:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 13462
 Ion Ratio Lower Upper
 82 100
 128 42.6 36.1 54.1
 54 60.1 41.4 62.2

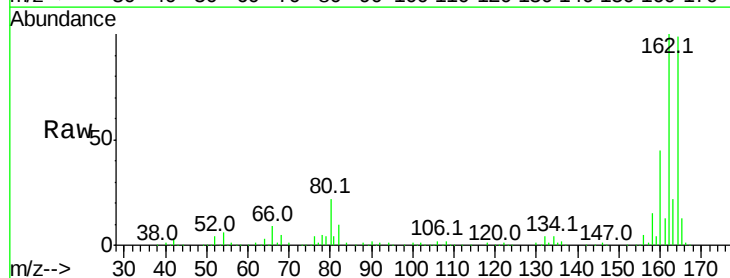


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

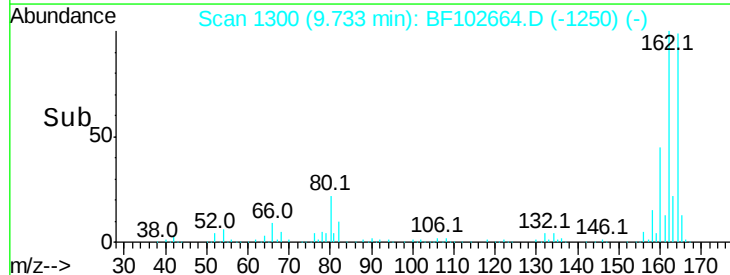
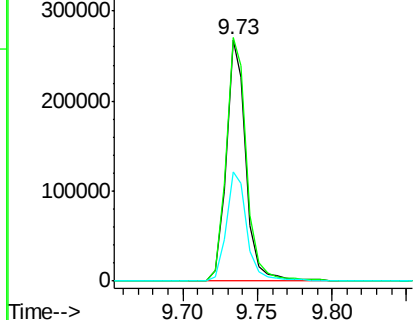


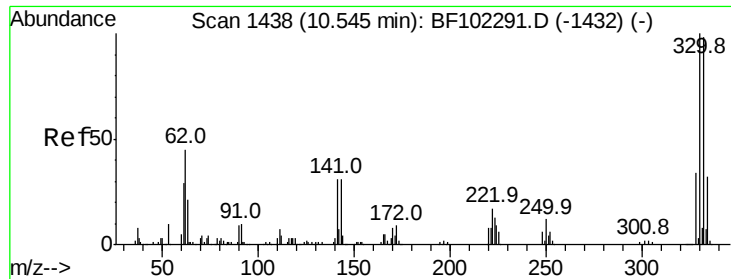
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF102664.D
 Acq: 31 Jan 2018 19:36

Tgt Ion:164 Resp: 251191
 Ion Ratio Lower Upper
 164 100
 162 100.8 86.1 129.1
 160 45.0 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

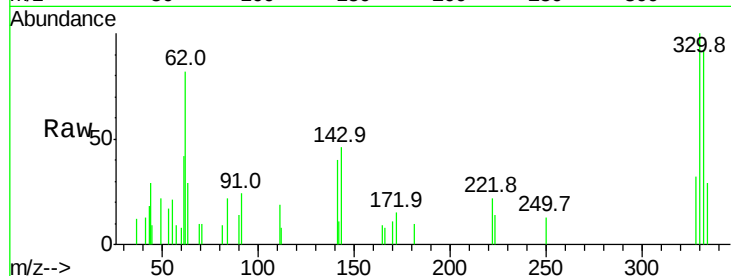




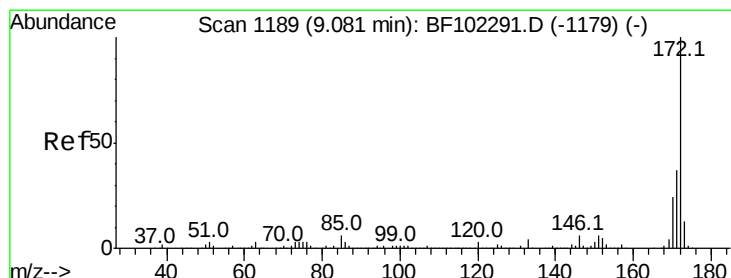
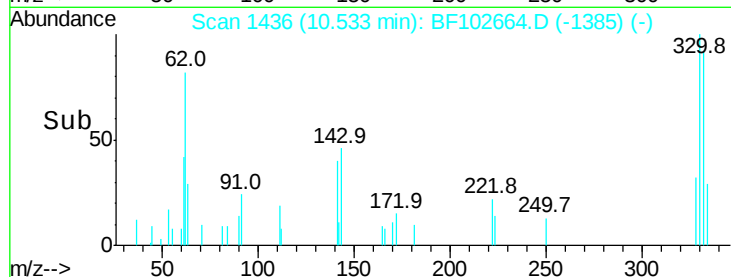
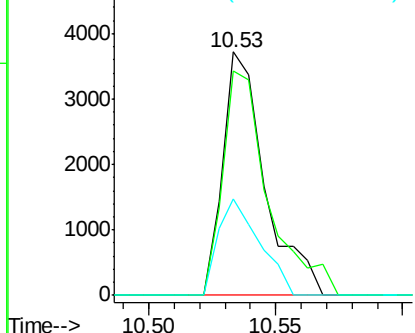
#41
 2,4,6-Tribromophenol
 Concen: 1.732 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF102664.D
 Acq: 31 Jan 2018 19:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 4312
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.0 115.6
 141 38.8 29.9 44.9

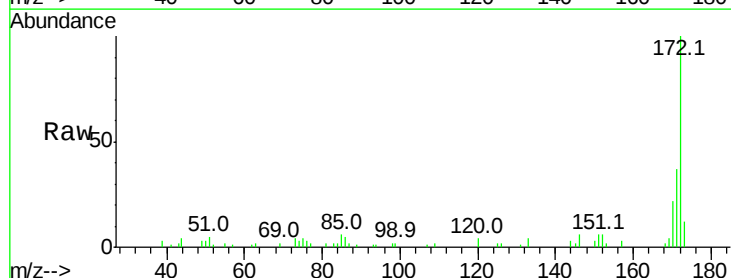


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

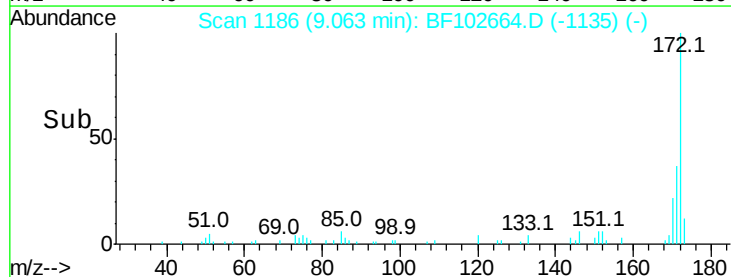
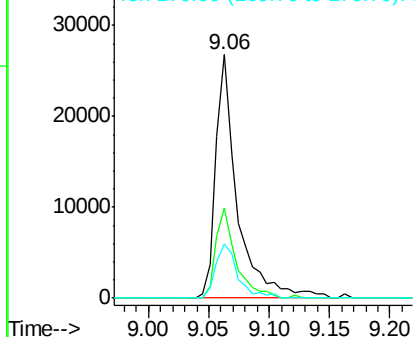


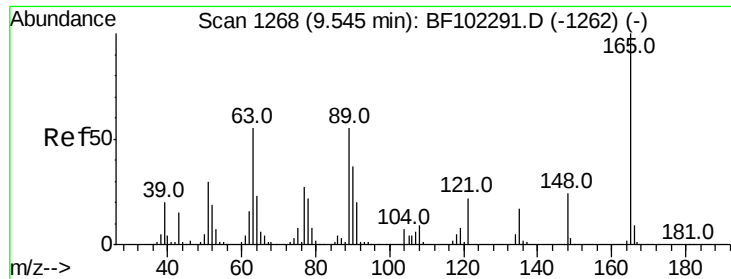
#44
 2-Fluorobiphenyl
 Concen: 1.922 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF102664.D
 Acq: 31 Jan 2018 19:36

Tgt Ion:172 Resp: 32831
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 22.3 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

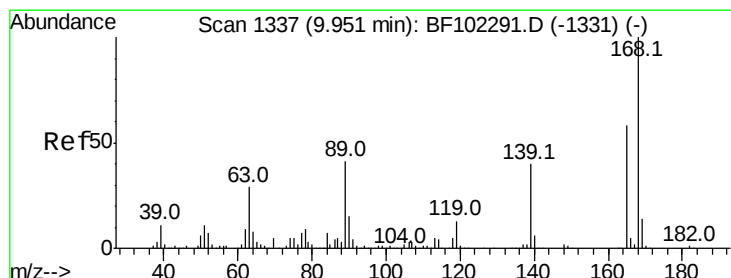
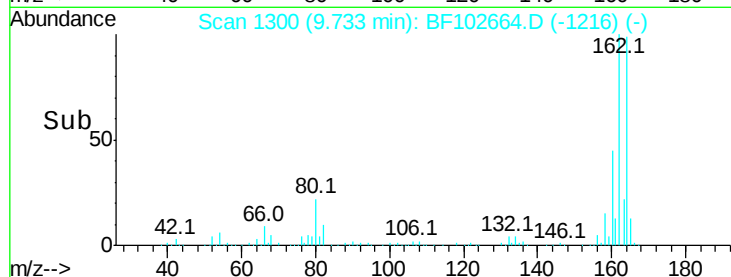
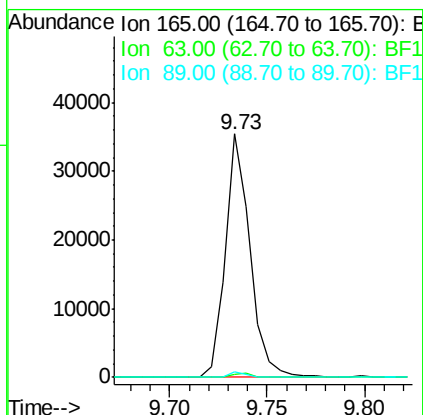
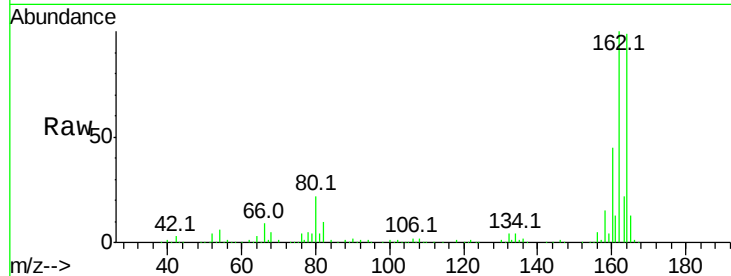




#50
 2,6-Dinitrotoluene
 Concen: 6.929 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.19 min
 Lab File: BF102664.D
 Acq: 31 Jan 2018 19:36

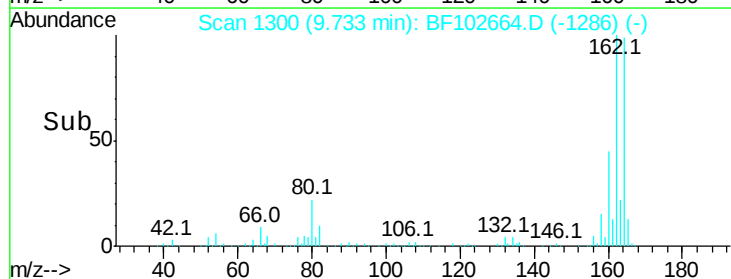
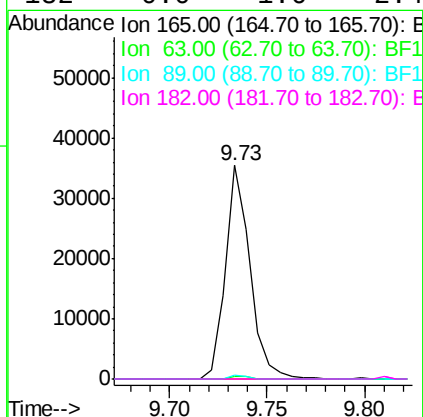
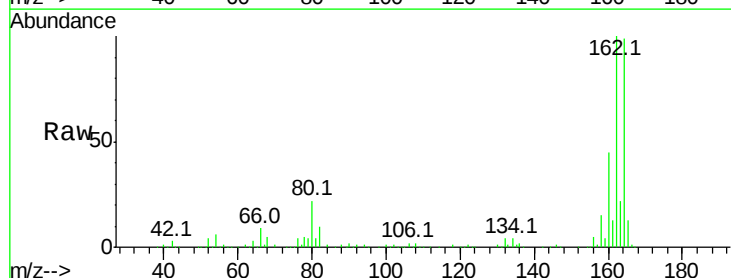
Instrument :
 BNA_F
 ClientSampleId :

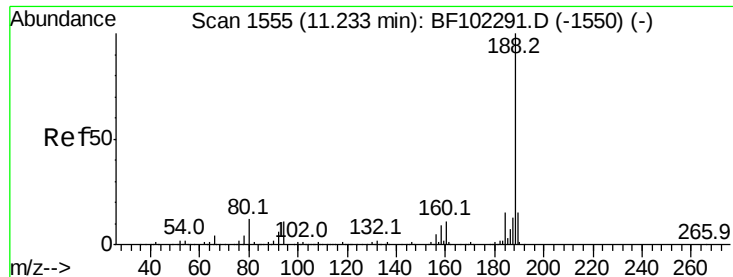
Tot Ion:	165	Resp:	31018
Ion Ratio	Lower	Upper	
165	100		
63	1.5	44.7	67.1#
89	2.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.635 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.22 min
 Lab File: BF102664.D
 Acq: 31 Jan 2018 19:36

Tgt Ion:	165	Resp:	31018
Ion Ratio	Lower	Upper	
165	100		
63	1.5	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

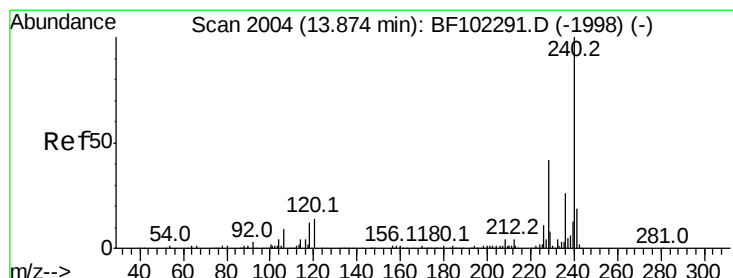
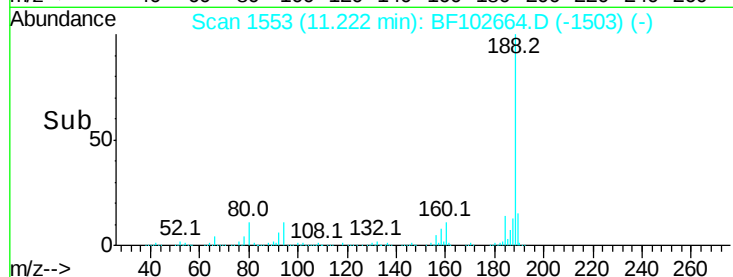
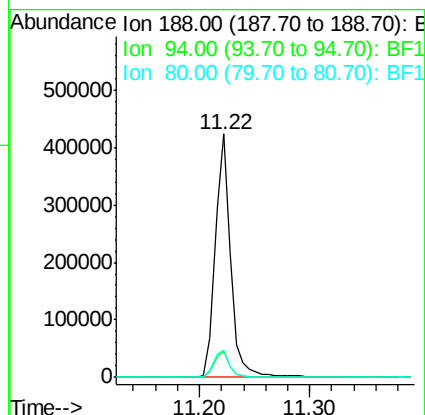
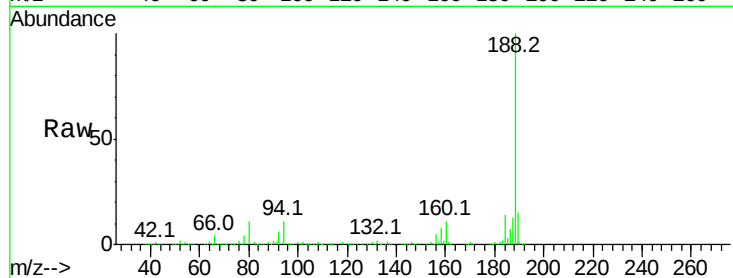




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF102664.D
Acq: 31 Jan 2018 19:36

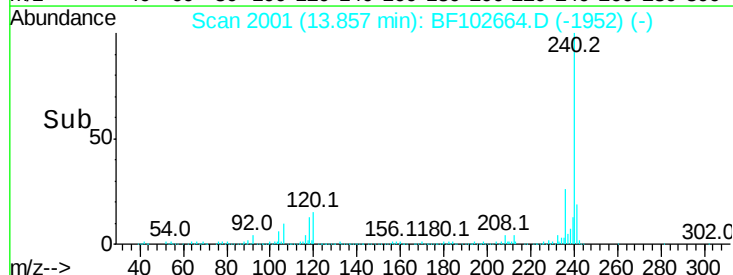
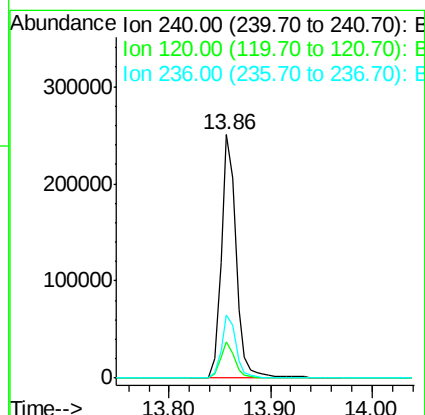
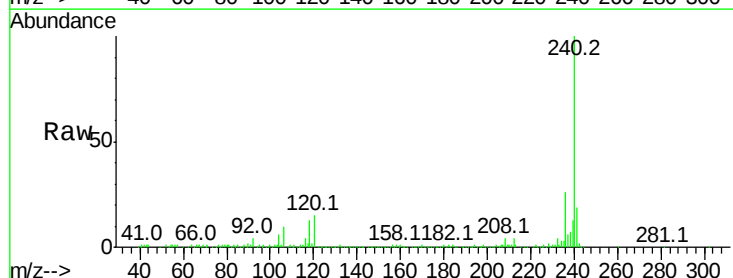
Instrument :
BNA_F
ClientSampleId :

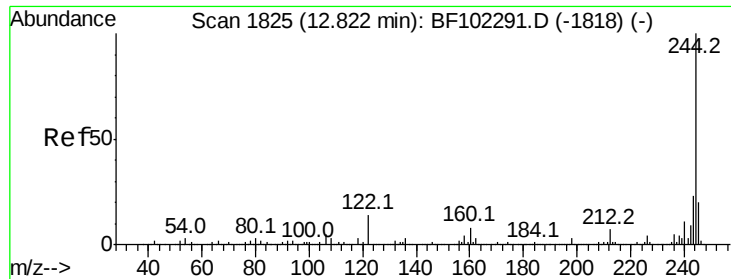
Tot Ion:188 Resp: 403017
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102664.D
Acq: 31 Jan 2018 19:36

Tgt Ion:240 Resp: 254863
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 2.055 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF102664.D

Acq: 31 Jan 2018 19:36

Instrument :

BNA_F

ClientSampleId :

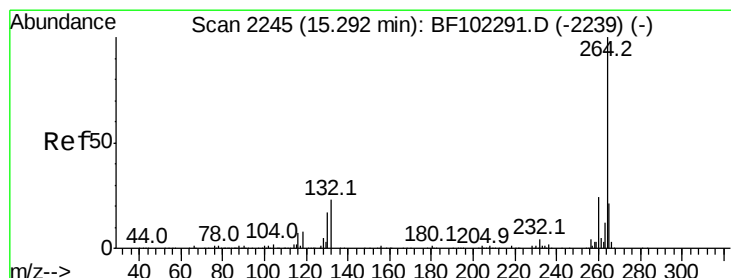
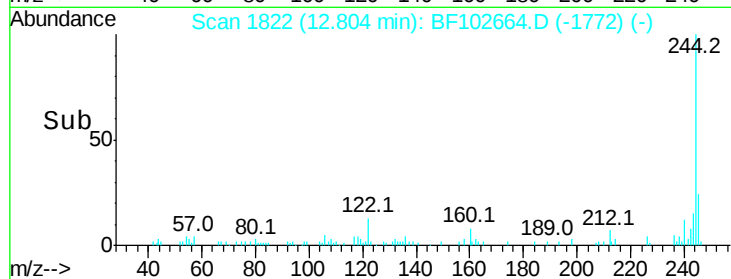
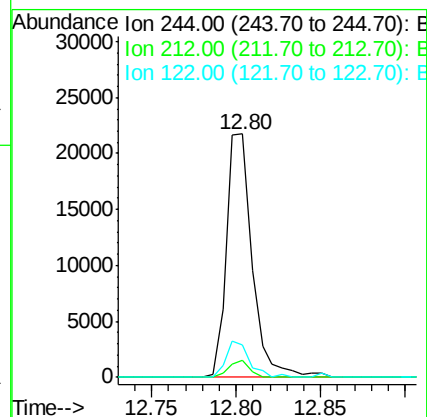
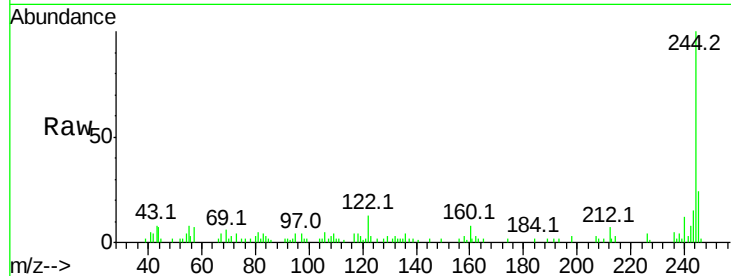
Tot Ion:244 Resp: 23236

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 13.5 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: BF102664.D

Acq: 31 Jan 2018 19:36

Tgt Ion:264 Resp: 275582

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.0 17.5 26.3

