

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107023.D
 Acq On : 30 Jun 2018 19:03
 Operator : JU/SJ
 Sample : J3629-13 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:06:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

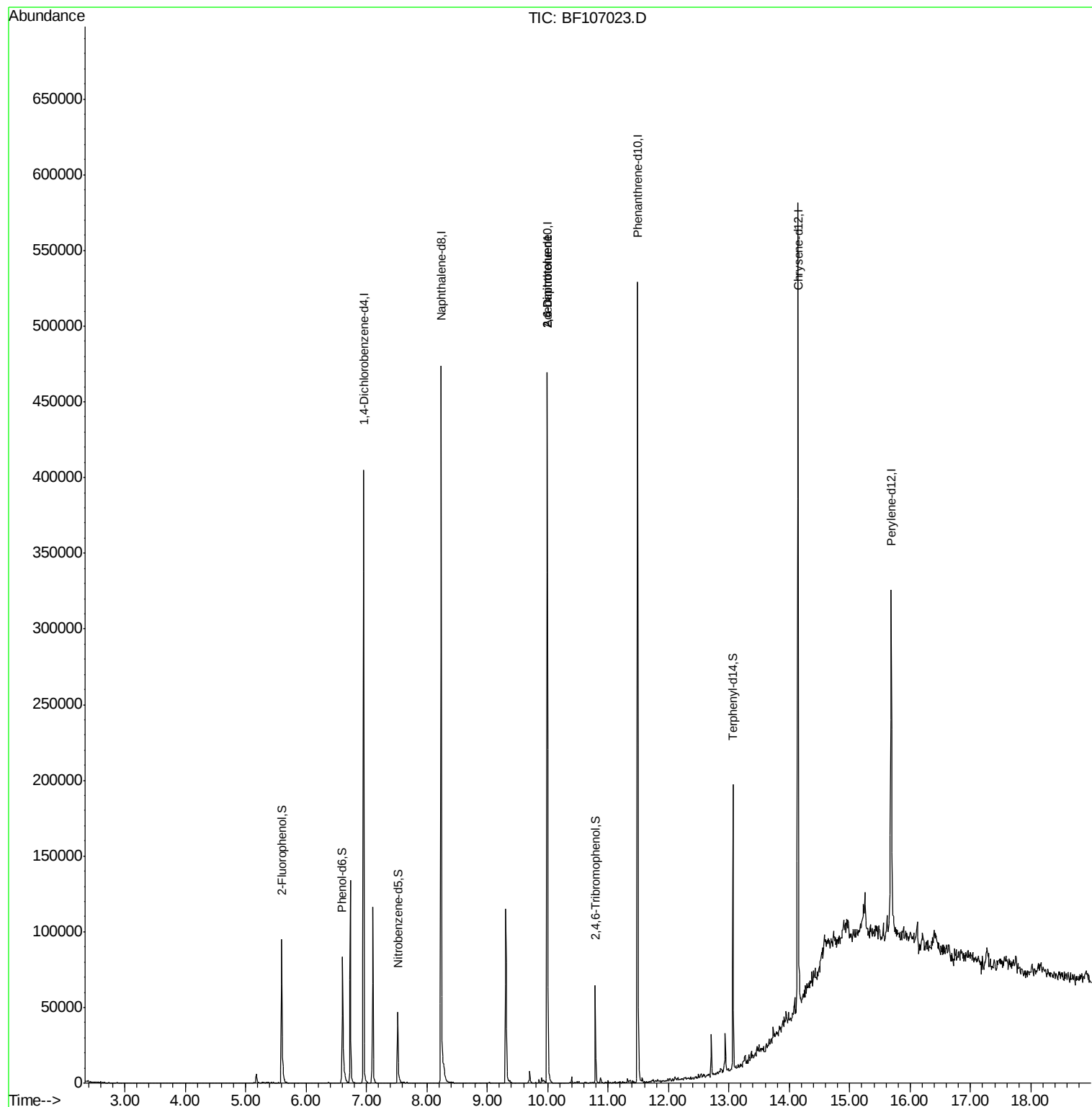
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62792	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	230366	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	100104	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	205663	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	183054	20.00	ng	-0.02
86) Perylene-d12	15.69	264	124625	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	35283	9.51	ng	0.00
7) Phenol-d6	6.60	99	41751	9.02	ng	-0.01
23) Nitrobenzene-d5	7.52	82	21853	5.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	10788	9.30	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	50911	-7.43	ng	-0.02
78) Terphenyl-d14	13.07	244	67629	8.95	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	10.00	165	12325	7.752	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	12325	5.939	ng	# 21

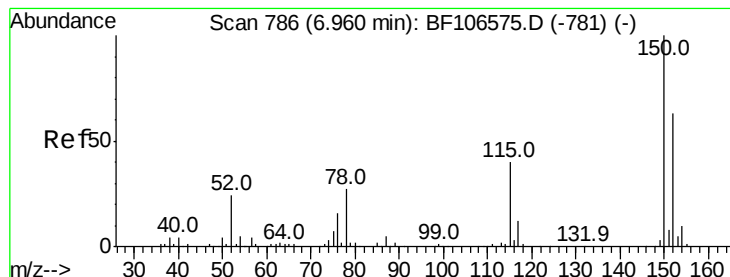
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

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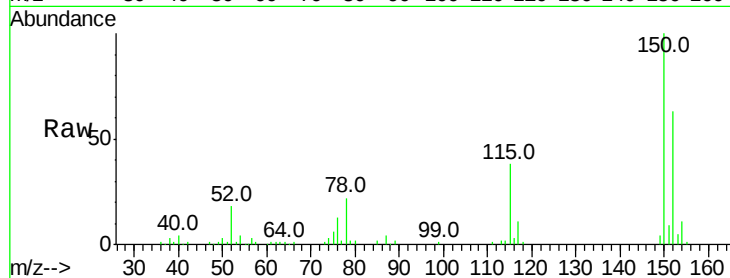


#1

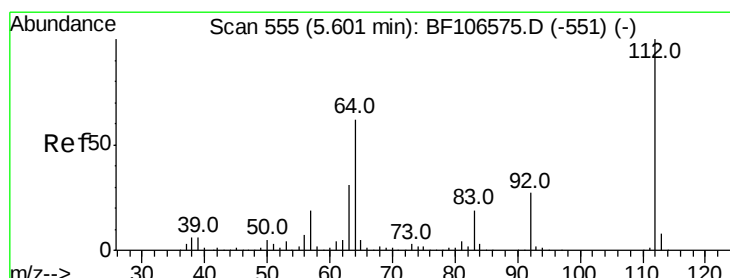
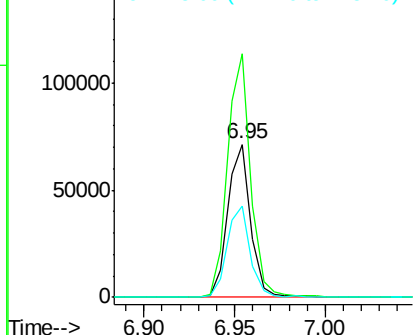
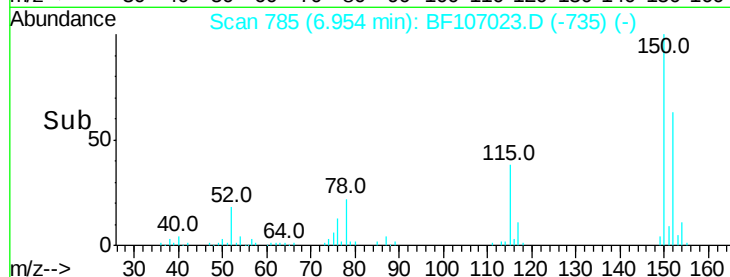
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107023.D
Acq: 30 Jun 2018 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62792
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 59.9 50.1 75.1



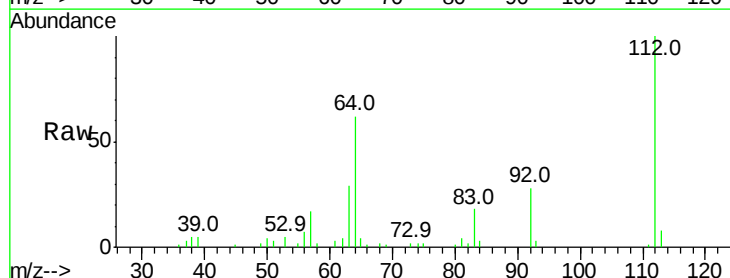
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



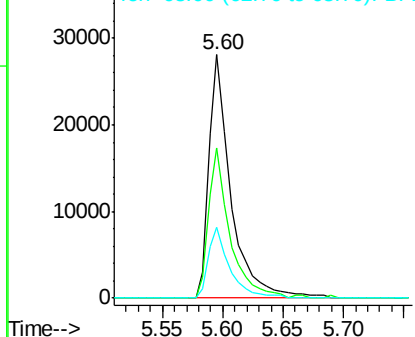
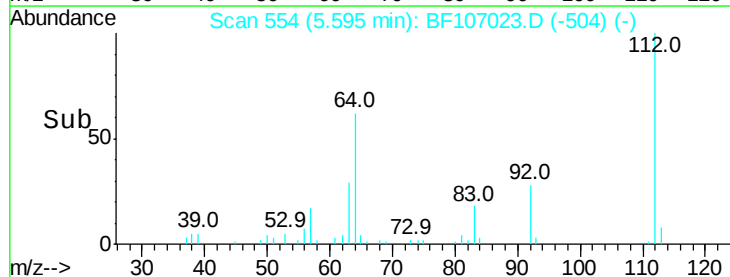
#5

2-Fluorophenol
Concen: 9.515 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107023.D
Acq: 30 Jun 2018 19:03

Tgt Ion:112 Resp: 35283
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 29.3 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: 9.016 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

Instrument :

BNA_F

ClientSampleId :

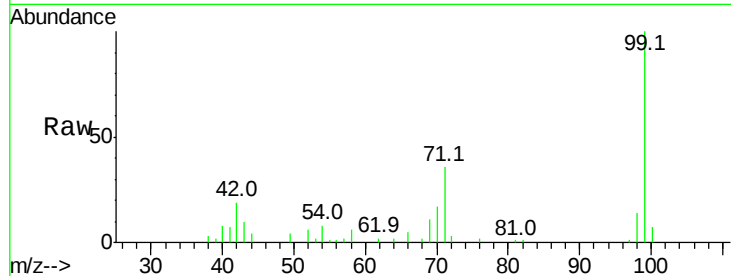
Tot Ion: 99 Resp: 41751

Ion Ratio Lower Upper

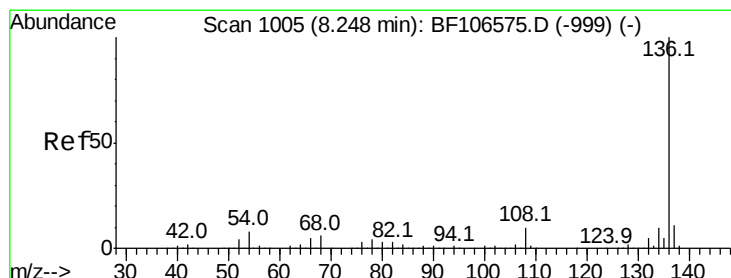
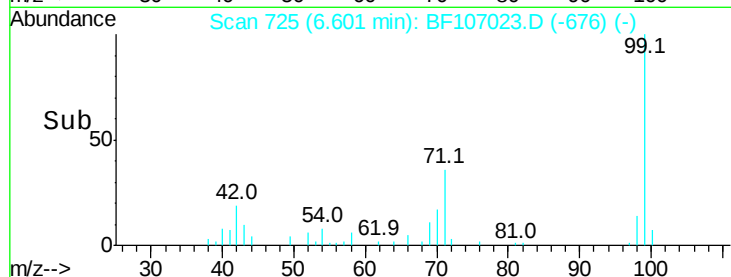
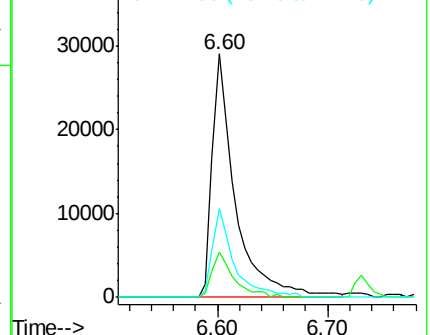
99 100

42 18.5 14.5 21.7

71 36.4 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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

Tgt Ion: 136 Resp: 230366

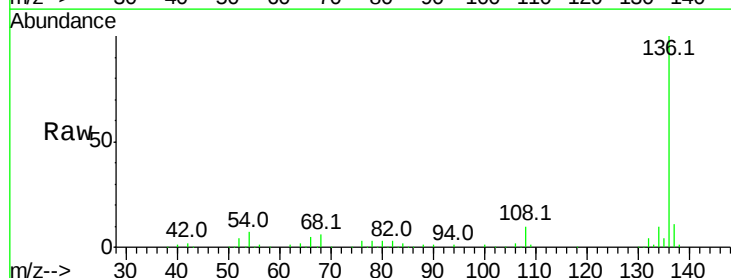
Ion Ratio Lower Upper

136 100

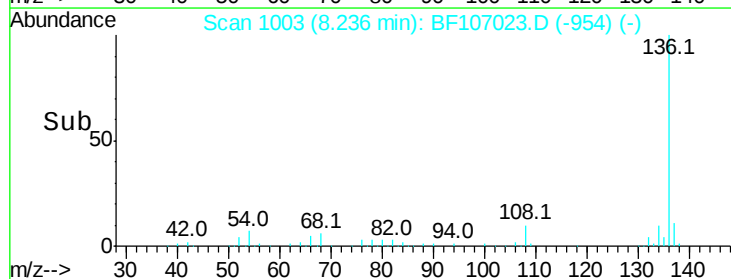
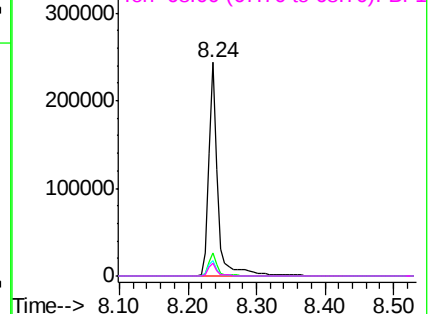
137 10.8 8.9 13.3

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

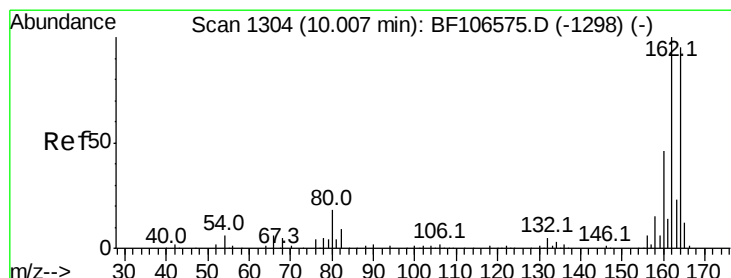
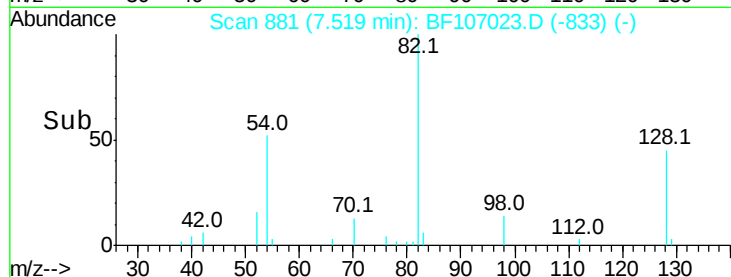
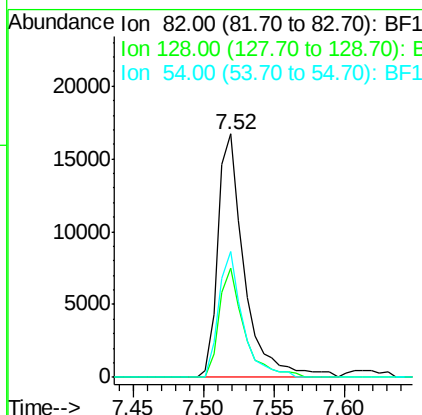
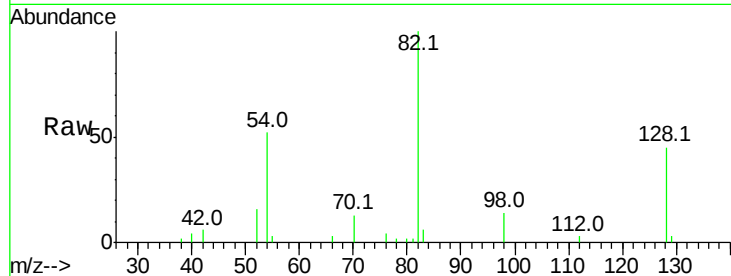




#23
 Nitrobenzene-d5
 Concen: 5.272 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107023.D
 Acq: 30 Jun 2018 19:03

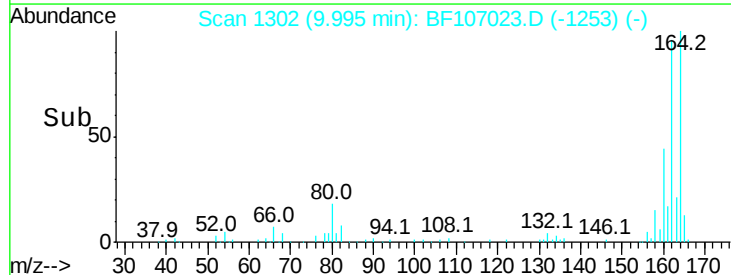
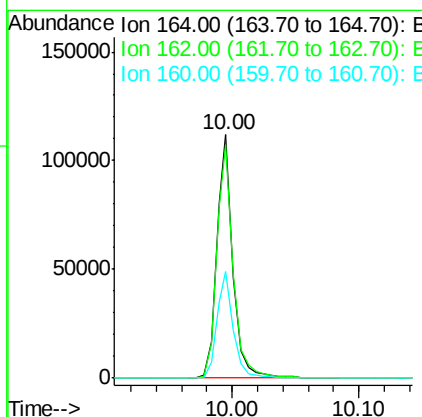
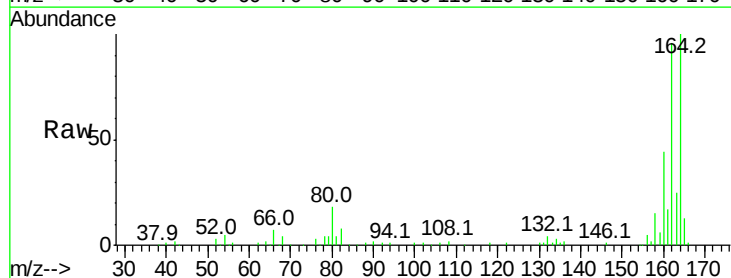
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	21853
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	51.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107023.D
 Acq: 30 Jun 2018 19:03

Tgt Ion	164	Resp	100104
Ion Ratio	Lower	Upper	
164	100		
162	95.7	86.1	129.1
160	43.8	38.3	57.5

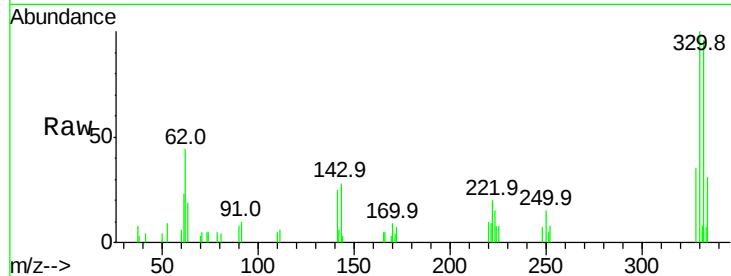




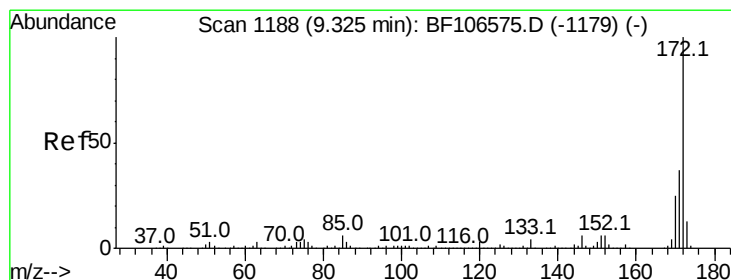
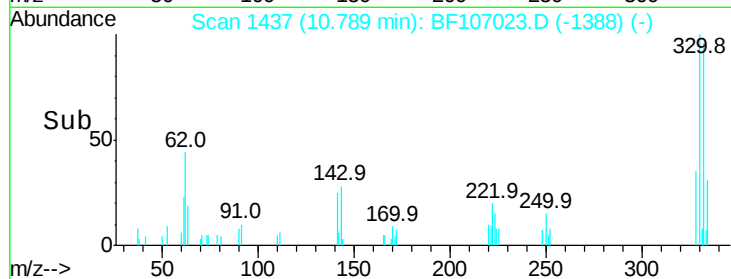
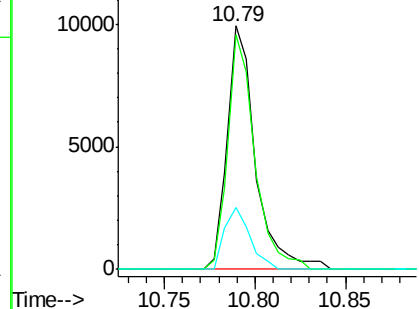
#41
 2,4,6-Tribromophenol
 Concen: 9.298 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107023.D
 Acq: 30 Jun 2018 19:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.0	115.6
141	22.7	29.9	44.9#

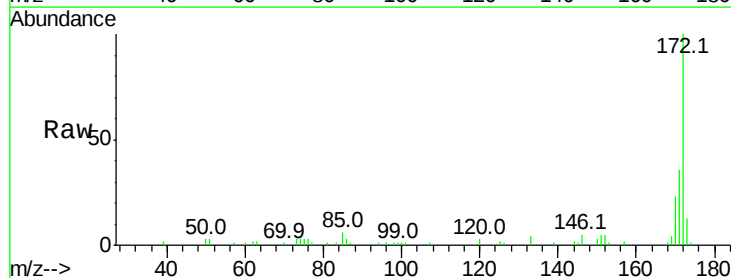


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

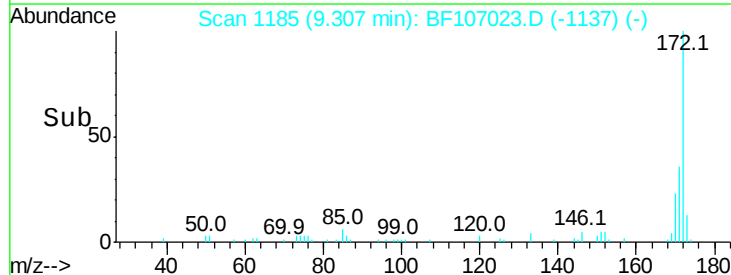
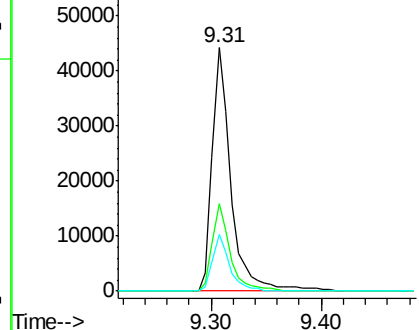


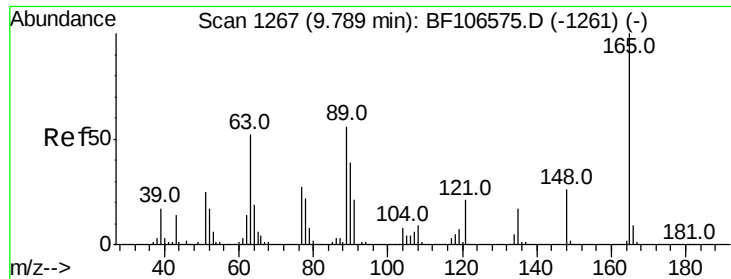
#44
 2-Fluorobiphenyl
 Concen: -7.433 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107023.D
 Acq: 30 Jun 2018 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.3	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

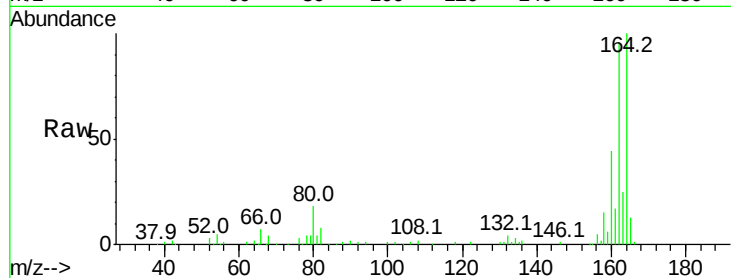




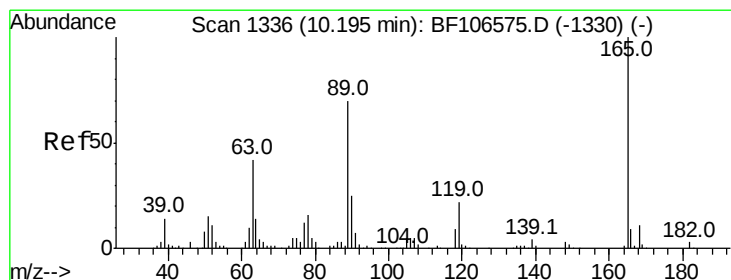
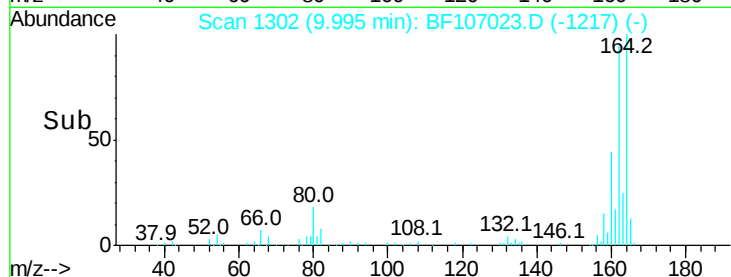
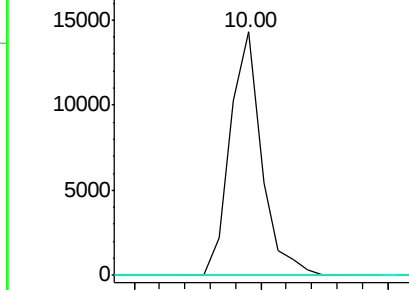
#50
 2,6-Dinitrotoluene
 Concen: 7.752 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107023.D
 Acq: 30 Jun 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :

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

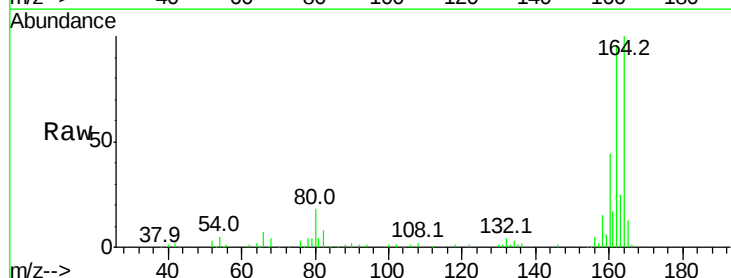


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

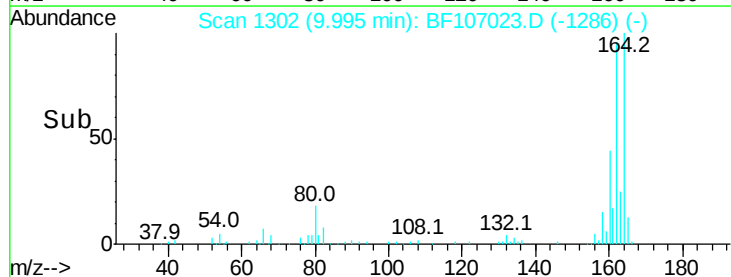
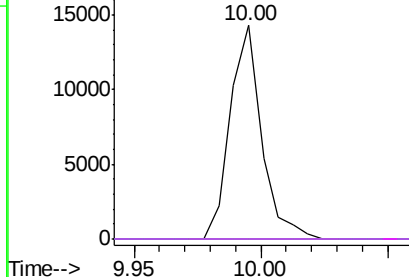


#56
 2,4-Dinitrotoluene
 Concen: 5.939 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107023.D
 Acq: 30 Jun 2018 19:03

Tgt 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#



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

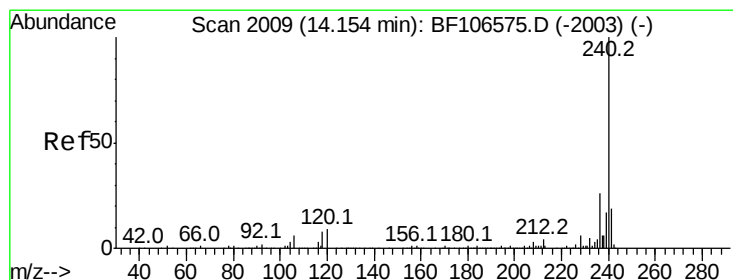
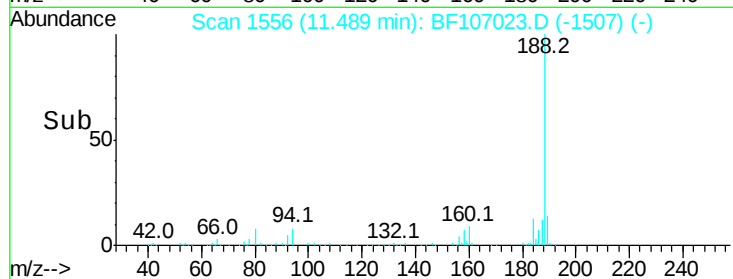
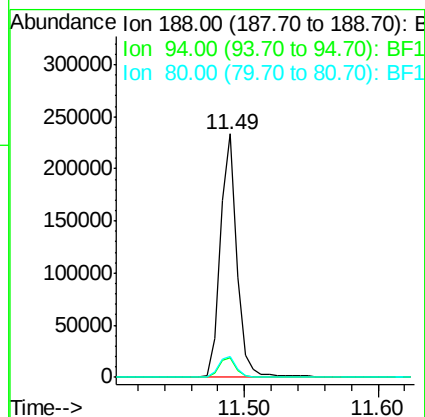
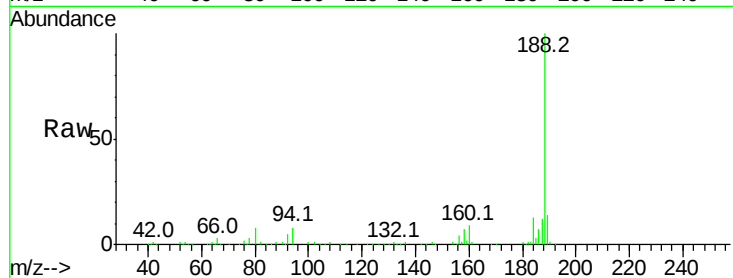




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107023.D
Acq: 30 Jun 2018 19:03

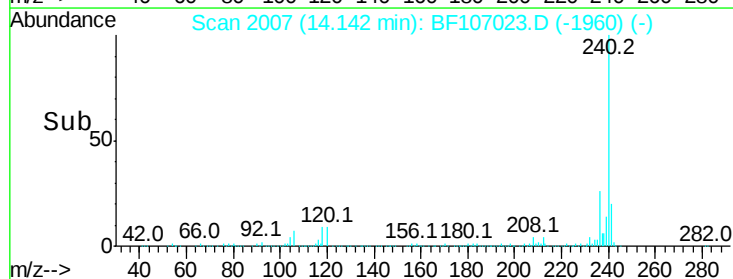
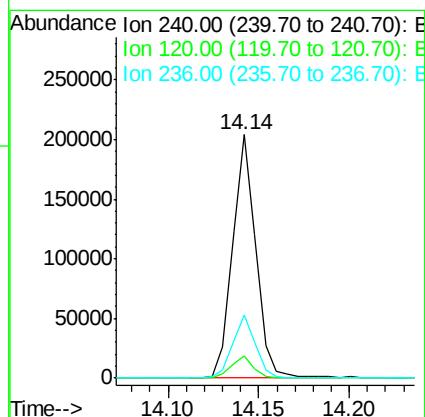
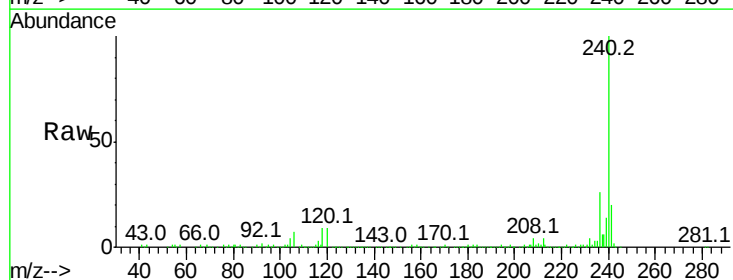
Instrument :
BNA_F
ClientSampleId :

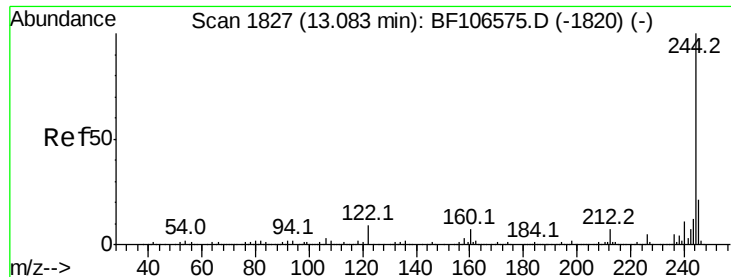
Tot Ion:188 Resp: 205663
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.4 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107023.D
Acq: 30 Jun 2018 19:03

Tgt Ion:240 Resp: 183054
Ion Ratio Lower Upper
240 100
120 8.9 9.5 14.3#
236 25.9 20.7 31.1

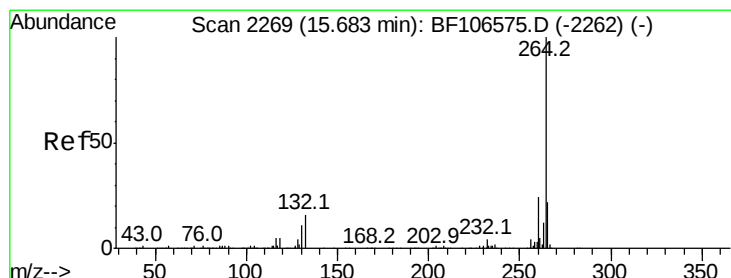
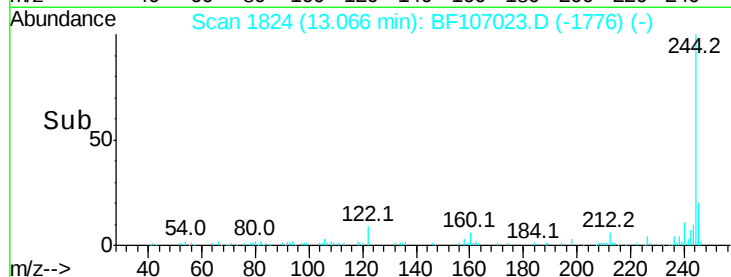
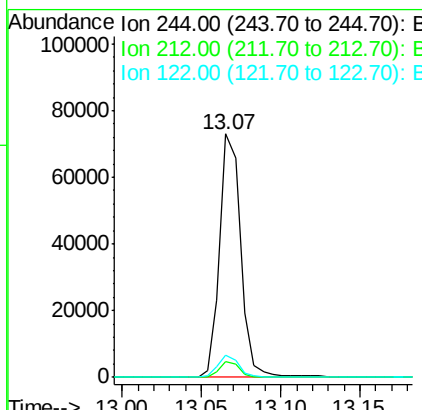
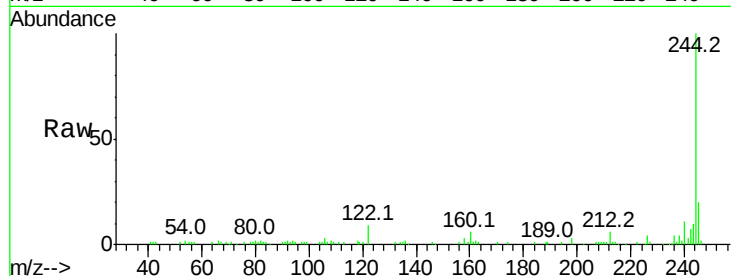




#78
 Terphenyl-d14
 Concen: 8.949 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107023.D
 Acq: 30 Jun 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 67629
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107023.D
 Acq: 30 Jun 2018 19:03

Tgt Ion:264 Resp: 124625
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.7 17.5 26.3

