

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107022.D
 Acq On : 30 Jun 2018 18:36
 Operator : JU/SJ
 Sample : J3629-05 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:06:44 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

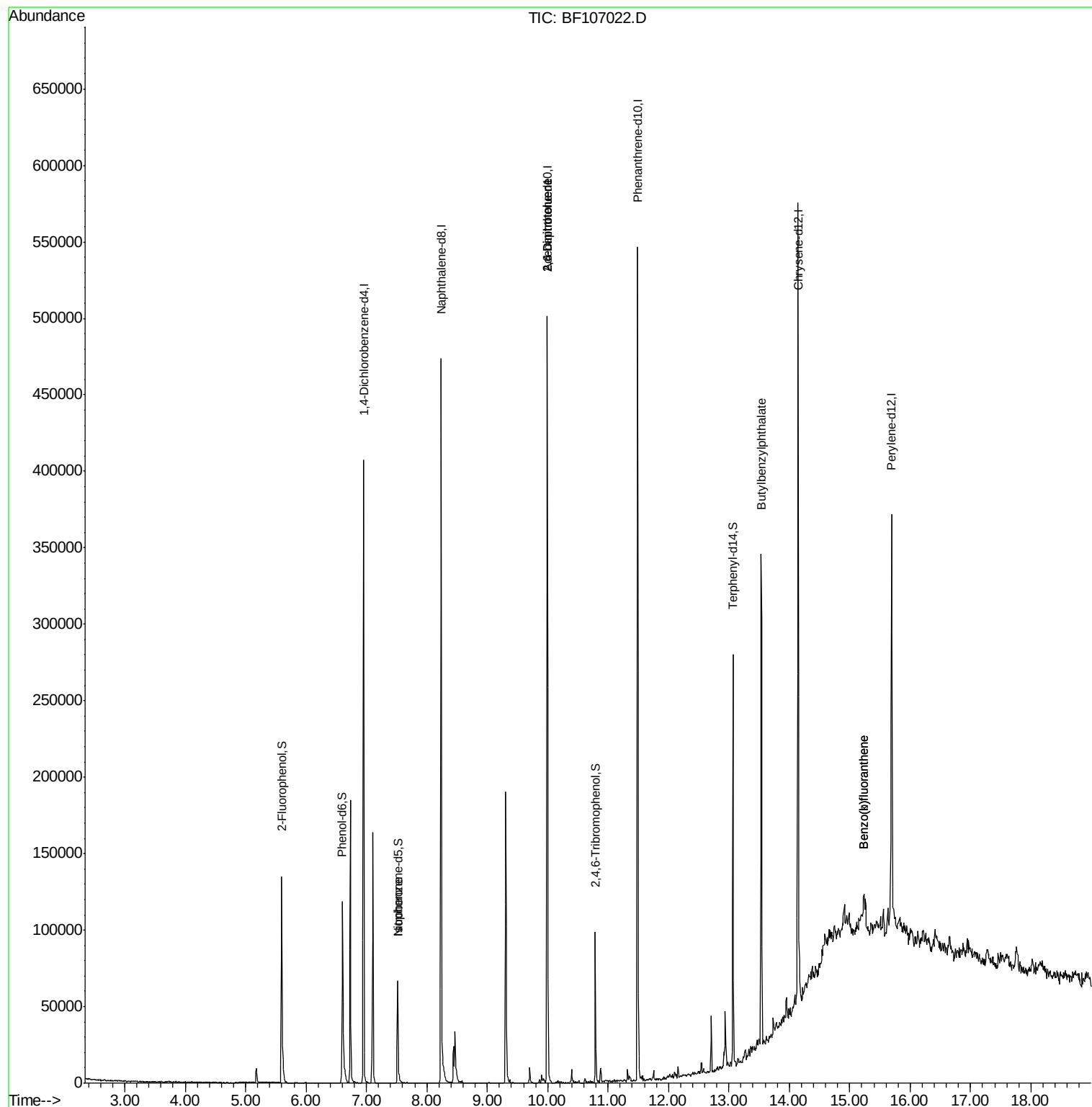
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	63836	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	234678	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	104478	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	208478	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	202173	20.00	ng	-0.02
86) Perylene-d12	15.69	264	139759	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	48991	13.00	ng	0.00
7) Phenol-d6	6.60	99	57840	12.29	ng	-0.01
23) Nitrobenzene-d5	7.52	82	30344	7.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	15103	12.47	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	72396	-3.66	ng	-0.02
78) Terphenyl-d14	13.07	244	94979	11.38	ng	-0.02
Target Compounds						
25) Isophorone	7.52	82	30343	4.078	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	13128	7.912	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	13128	6.061	ng	# 21
79) Butylbenzylphthalate	13.54	149	76350	13.929	ng	# 95
87) Benzo(b)fluoranthene	15.24	252	18035	2.077	ng	# 86
88) Benzo(k)fluoranthene	15.24	252	18035	2.181	ng	# 89

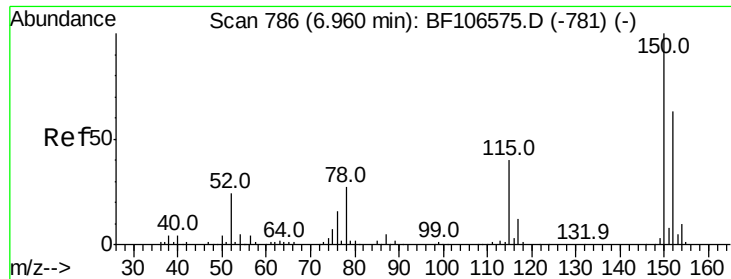
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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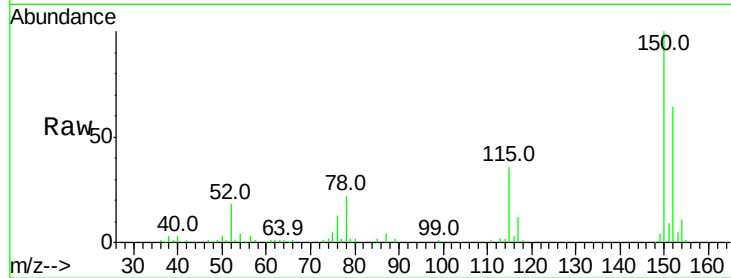


#1

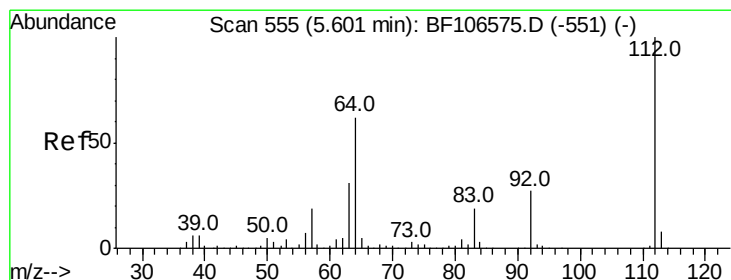
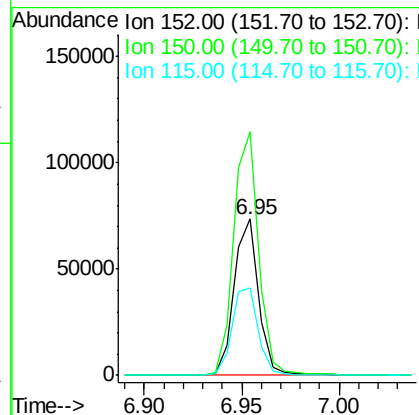
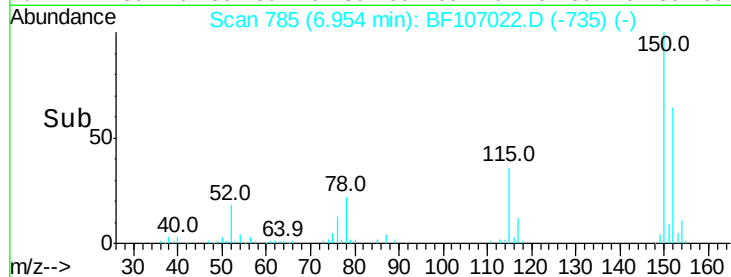
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63836
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 55.9 50.1 75.1



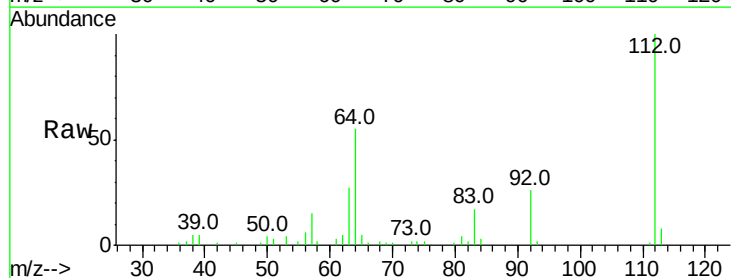
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



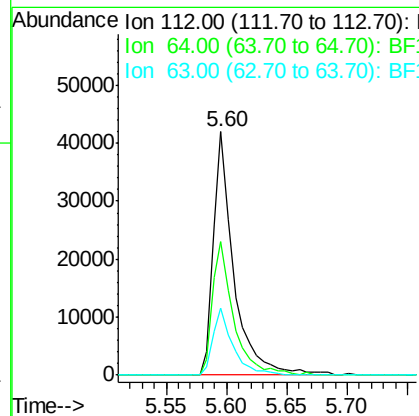
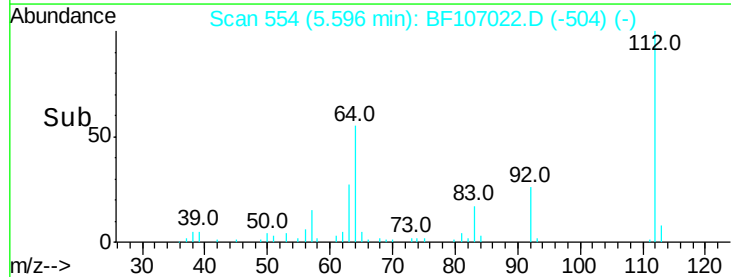
#5

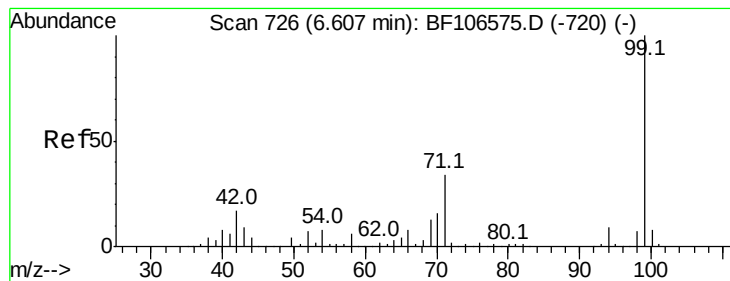
2-Fluorophenol
Concen: 12.995 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

Tgt Ion:112 Resp: 48991
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 27.4 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: 12.286 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

Instrument :

BNA_F

ClientSampleId :

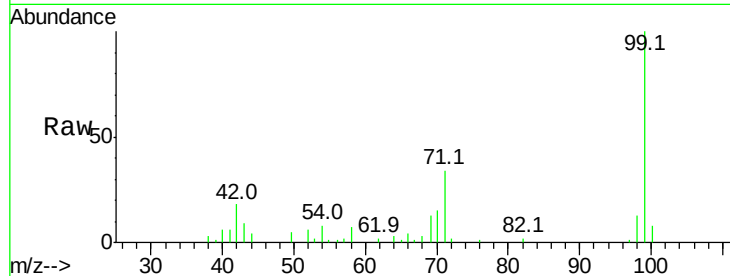
Tot Ion: 99 Resp: 57840

Ion Ratio Lower Upper

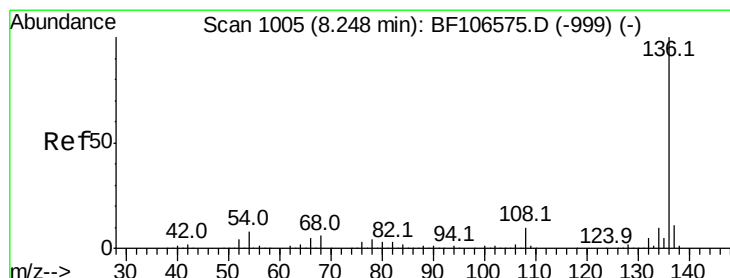
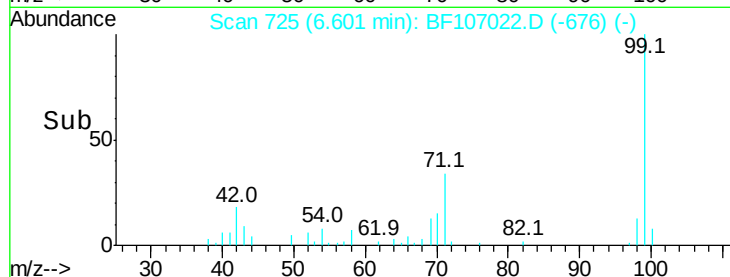
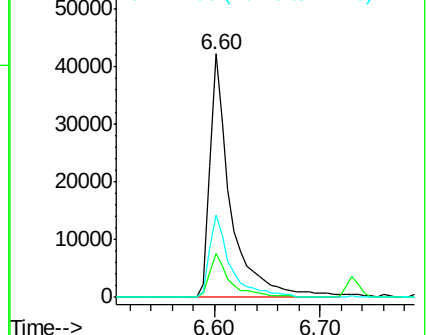
99 100

42 18.0 14.5 21.7

71 33.6 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: BF107022.D

Acq: 30 Jun 2018 18:36

Tgt Ion: 136 Resp: 234678

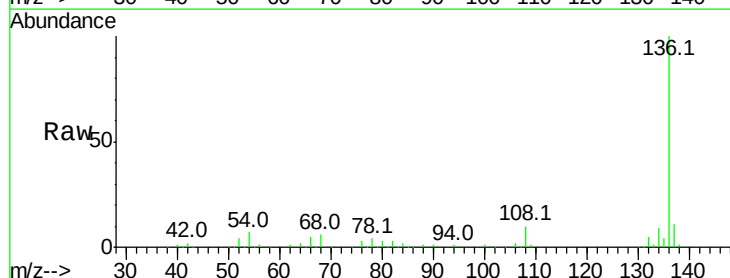
Ion Ratio Lower Upper

136 100

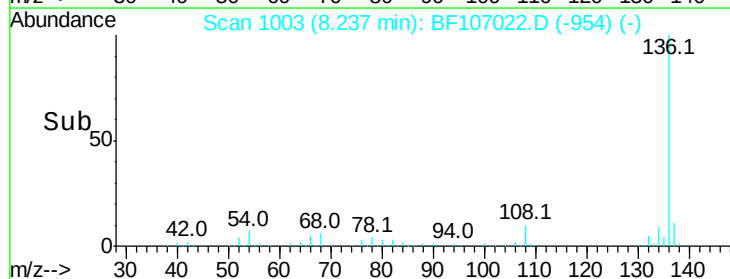
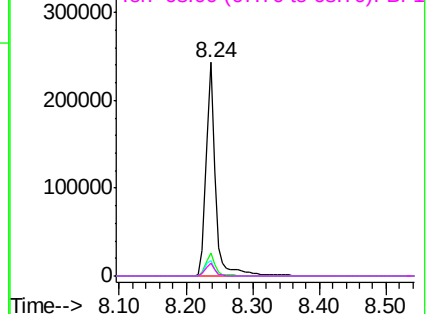
137 10.7 8.9 13.3

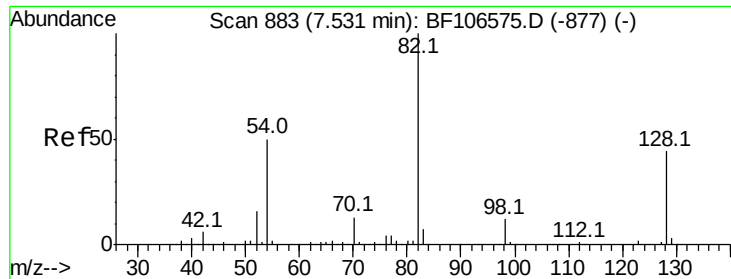
54 7.3 6.6 9.8

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

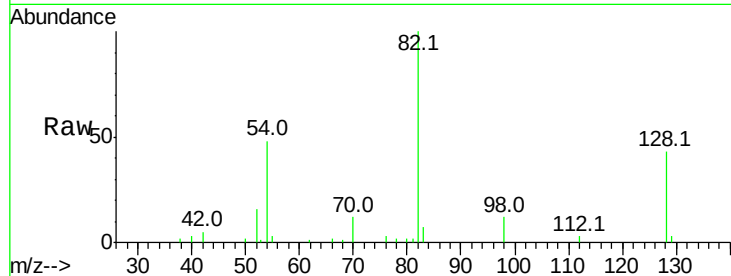




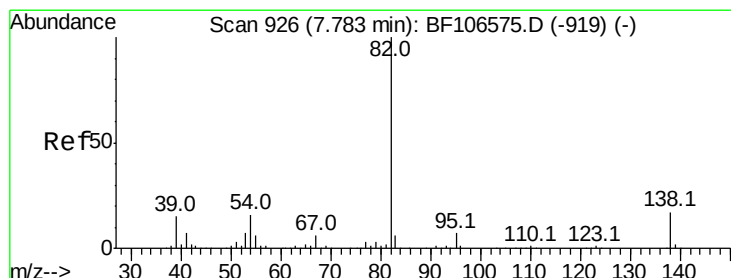
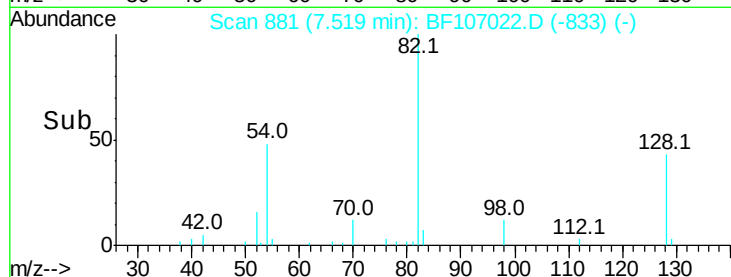
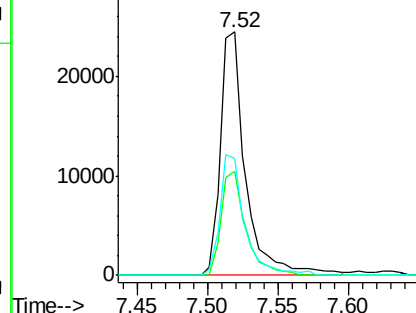
#23
 Nitrobenzene-d5
 Concen: 7.186 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	30344
Ion Ratio	Lower	Upper	
82	100		
128	43.0	36.1	54.1
54	47.9	41.4	62.2

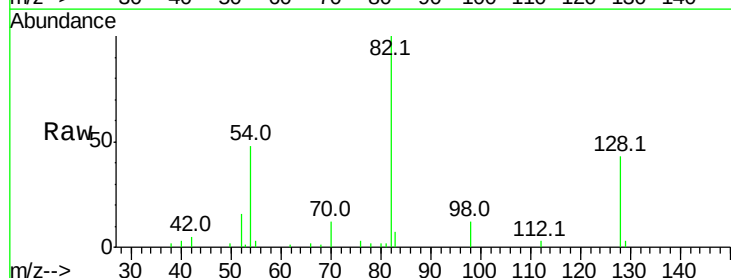


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

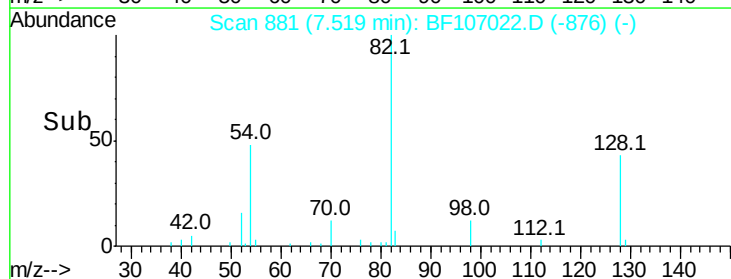
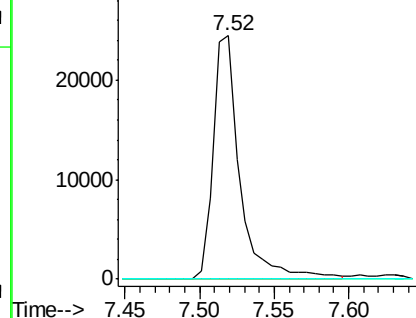


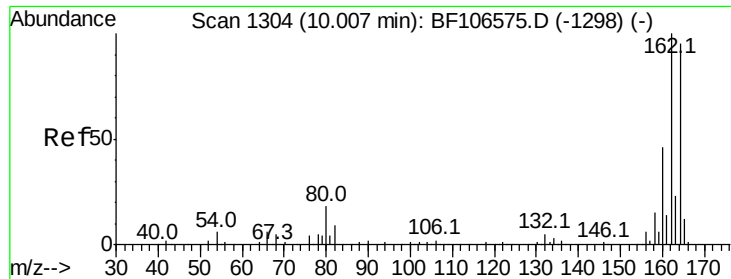
#25
 Isophorone
 Concen: 4.078 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

Tgt Ion	82	Resp	30343
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

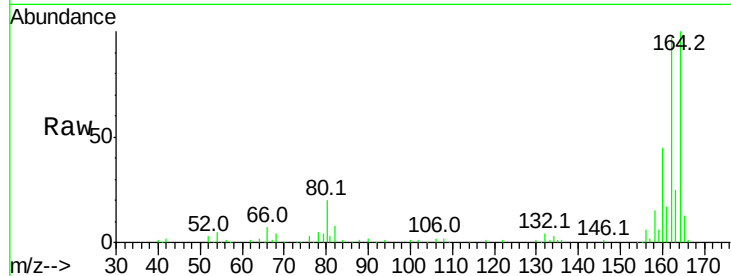




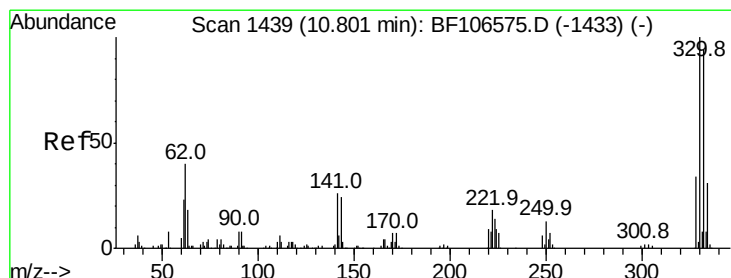
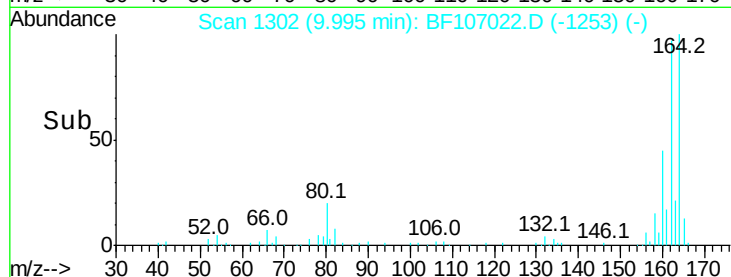
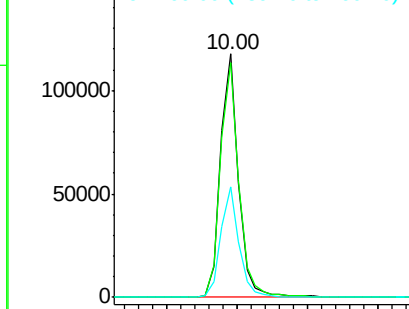
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 104478
Ion Ratio Lower Upper
164 100
162 96.5 86.1 129.1
160 45.3 38.3 57.5

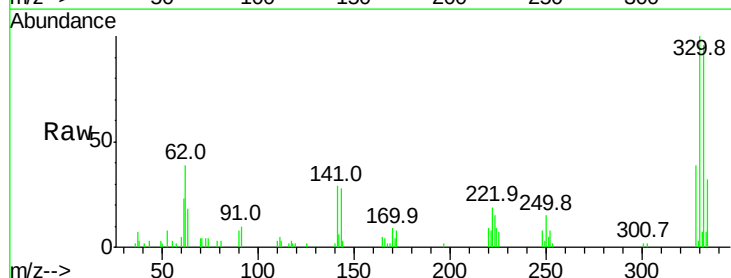


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

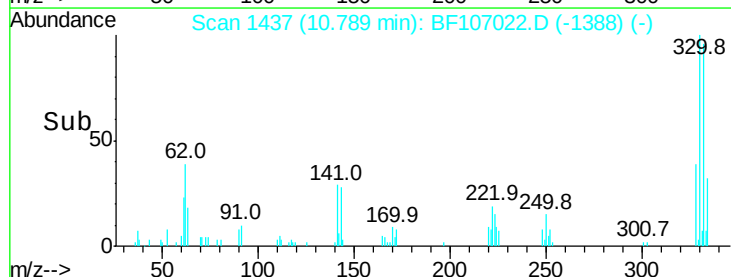
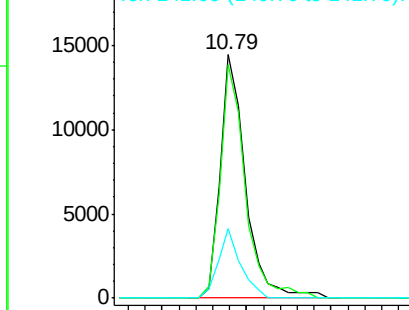


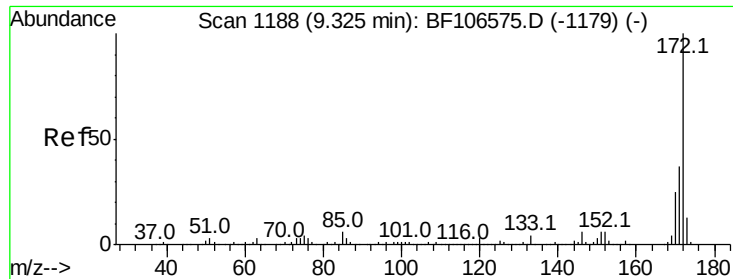
#41
2,4,6-Tribromophenol
Concen: 12.472 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

Tgt Ion:330 Resp: 15103
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 25.3 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

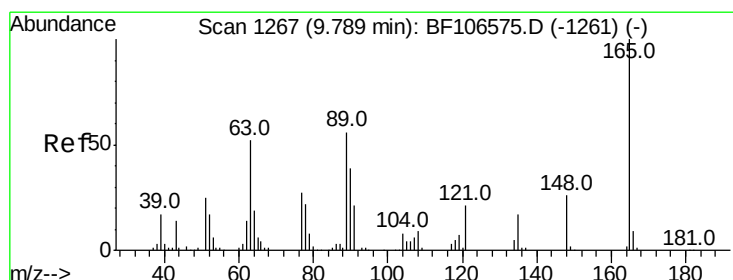
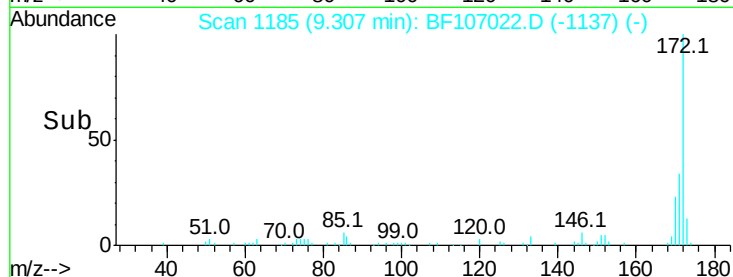
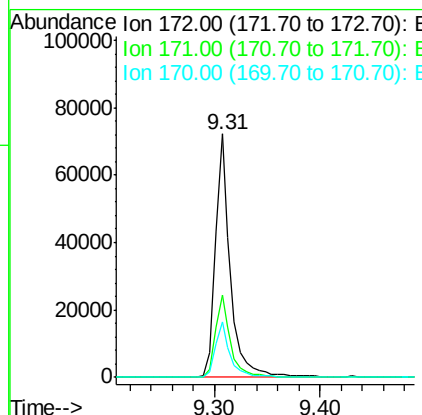
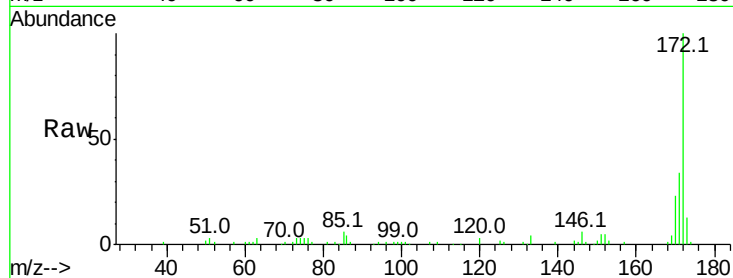




#44
 2-Fluorobiphenyl
 Concen: -3.657 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

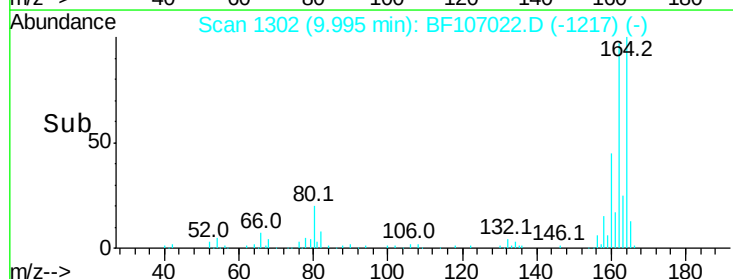
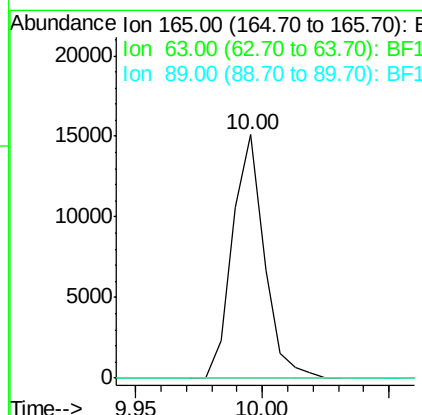
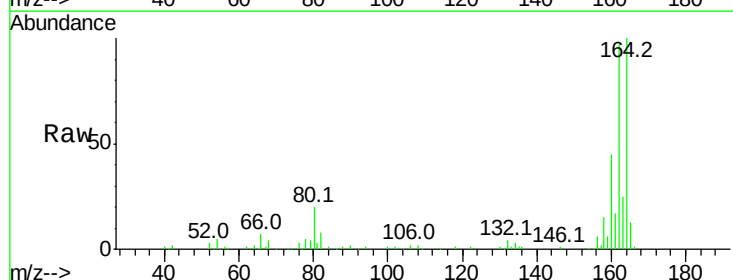
Instrument :
 BNA_F
 ClientSampleId :

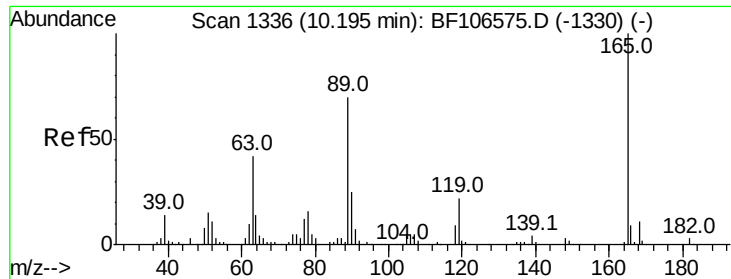
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.7	44.5
170	22.7	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.912 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

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

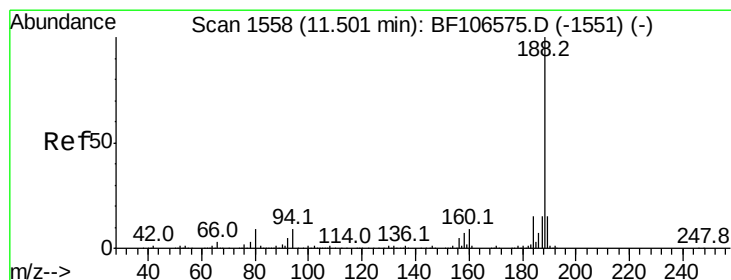
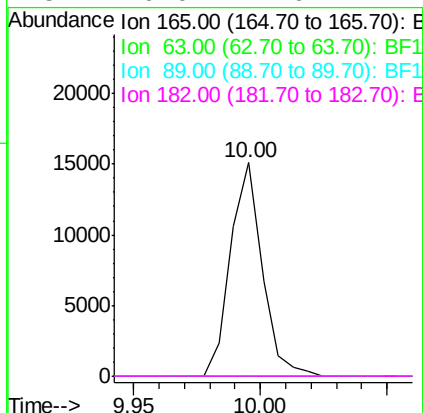
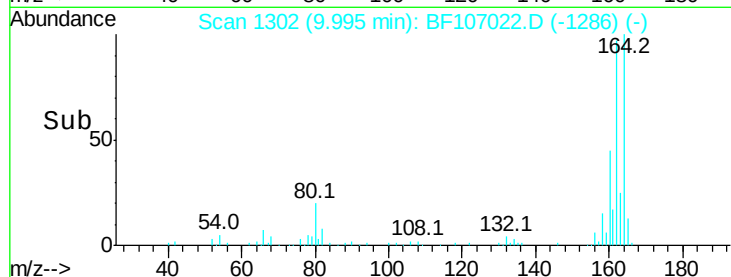
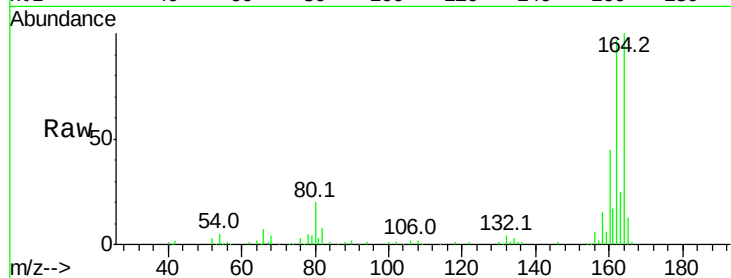




#56
 2,4-Dinitrotoluene
 Concen: 6.061 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

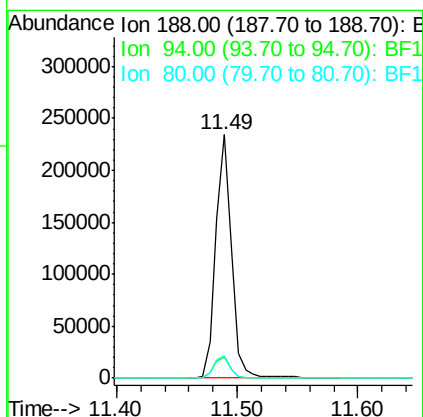
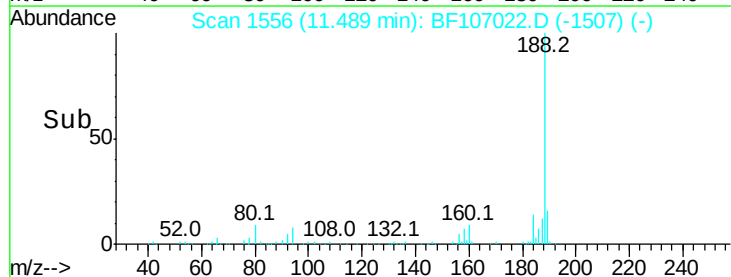
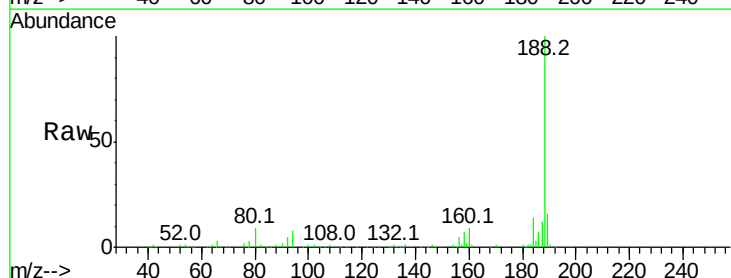
Instrument :
 BNA_F
 ClientSampleId :

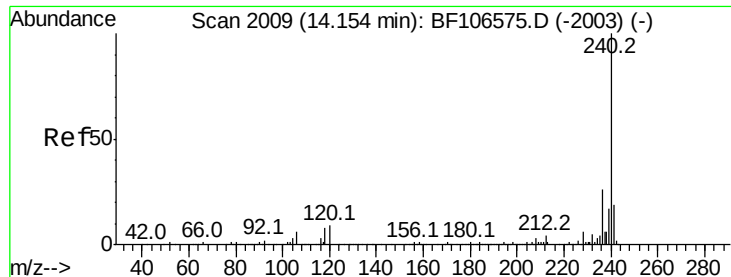
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

Instrument :

BNA_F

ClientSampled :

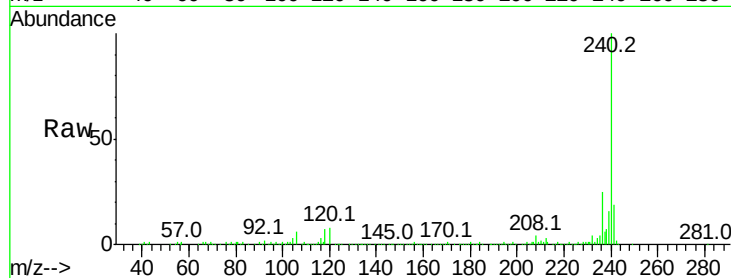
Tot Ion:240 Resp: 202173

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

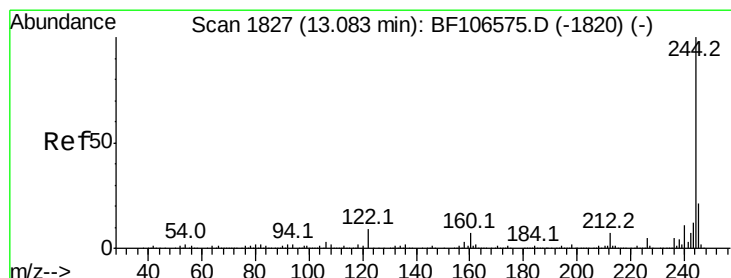
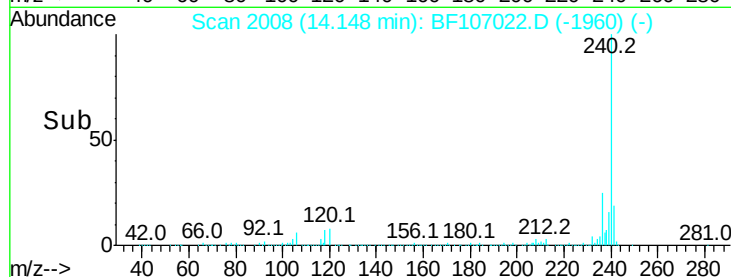
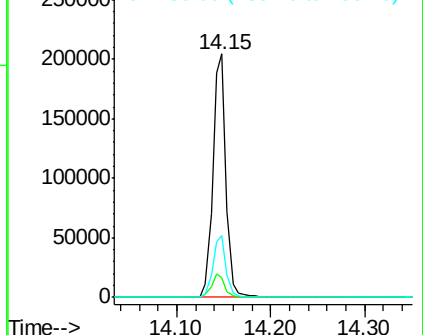
236 25.5 20.7 31.1



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: 11.380 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

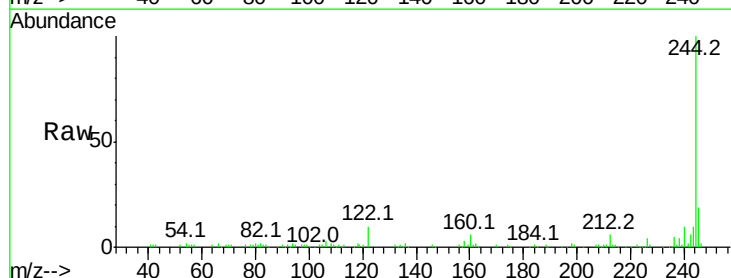
Tgt Ion:244 Resp: 94979

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

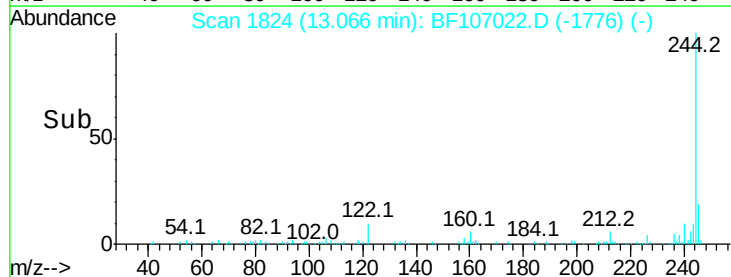
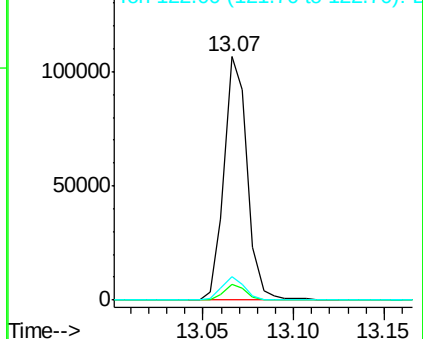
122 9.5 11.0 16.4#

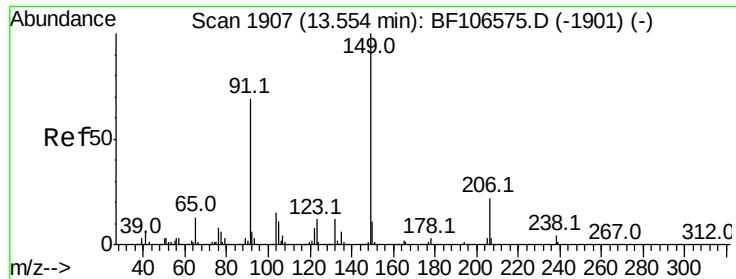


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

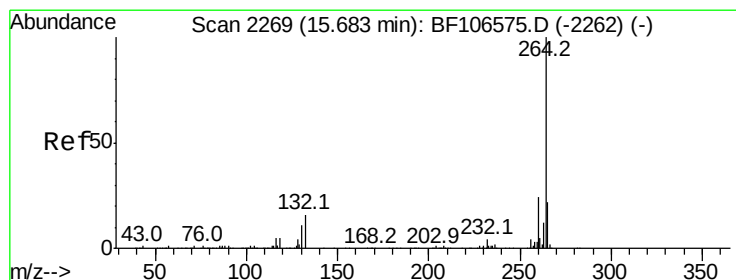
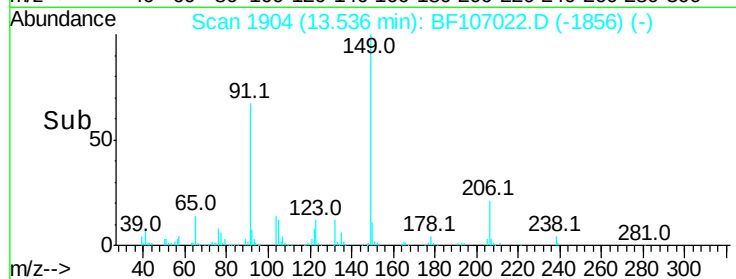
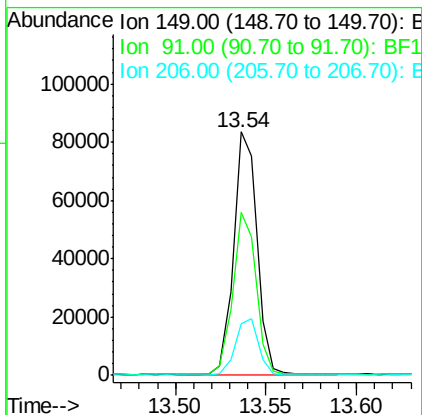
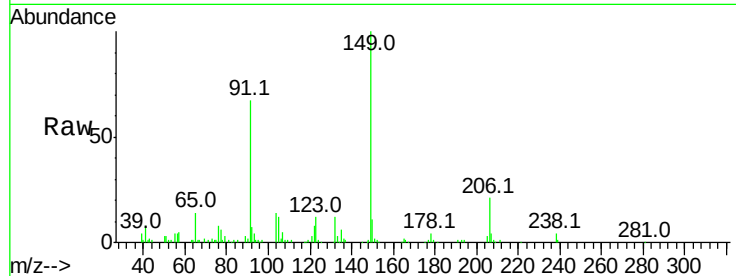




#79
Butylbenzylphthalate
Concen: 13.929 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

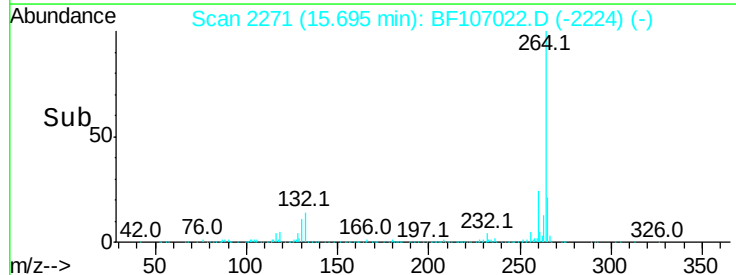
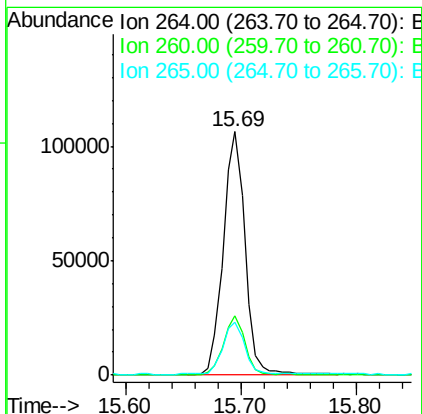
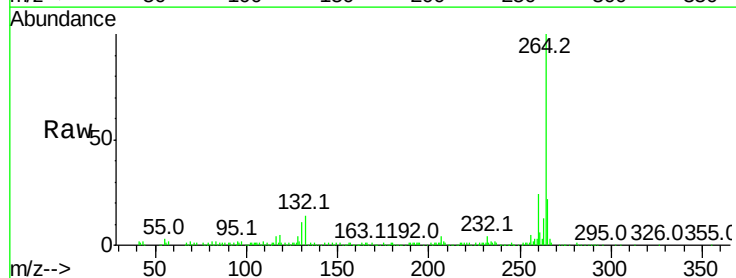
Instrument :
BNA_F
ClientSampleId :

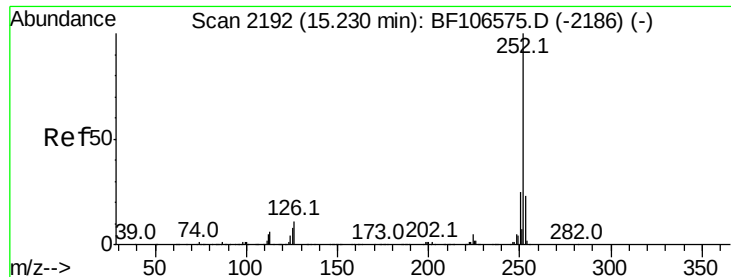
Tot Ion:149 Resp: 76350
Ion Ratio Lower Upper
149 100
91 67.2 56.8 85.2
206 21.4 14.1 21.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

Tgt Ion:264 Resp: 139759
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.6 17.5 26.3

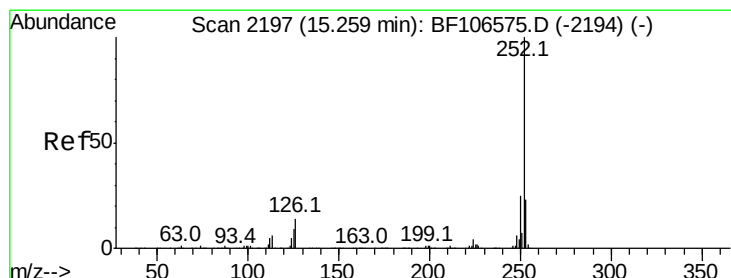
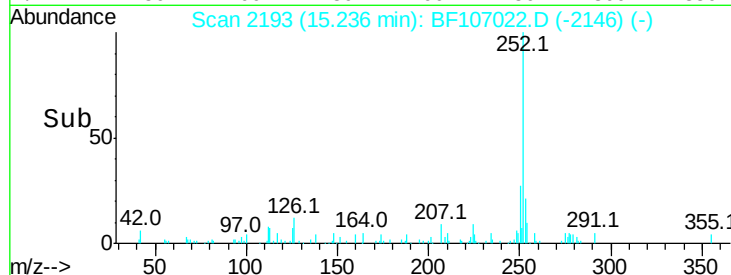
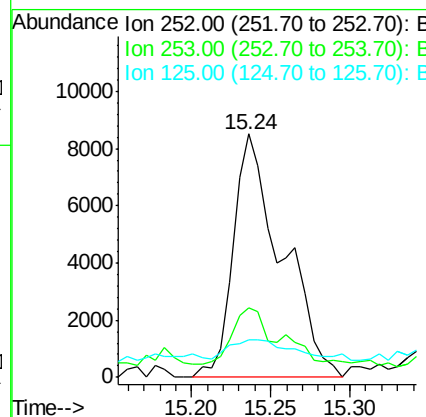
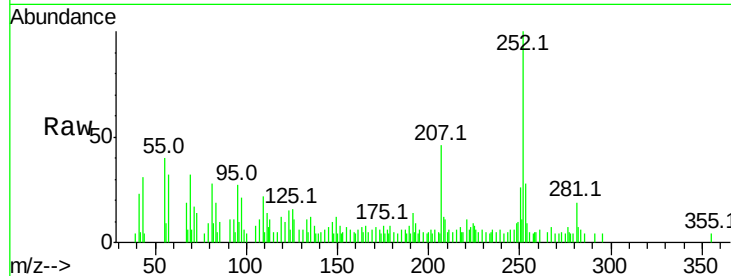




#87
Benzo(b)fluoranthene
Concen: 2.077 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 18035
Ion Ratio Lower Upper
252 100
253 28.5 17.0 25.6#
125 15.6 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.181 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

Tgt Ion:252 Resp: 18035
Ion Ratio Lower Upper
252 100
253 28.5 17.9 26.9#
125 15.6 10.2 15.2#

