

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107008.D
 Acq On : 30 Jun 2018 12:23
 Operator : JU/SJ
 Sample : J3774-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:04:19 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

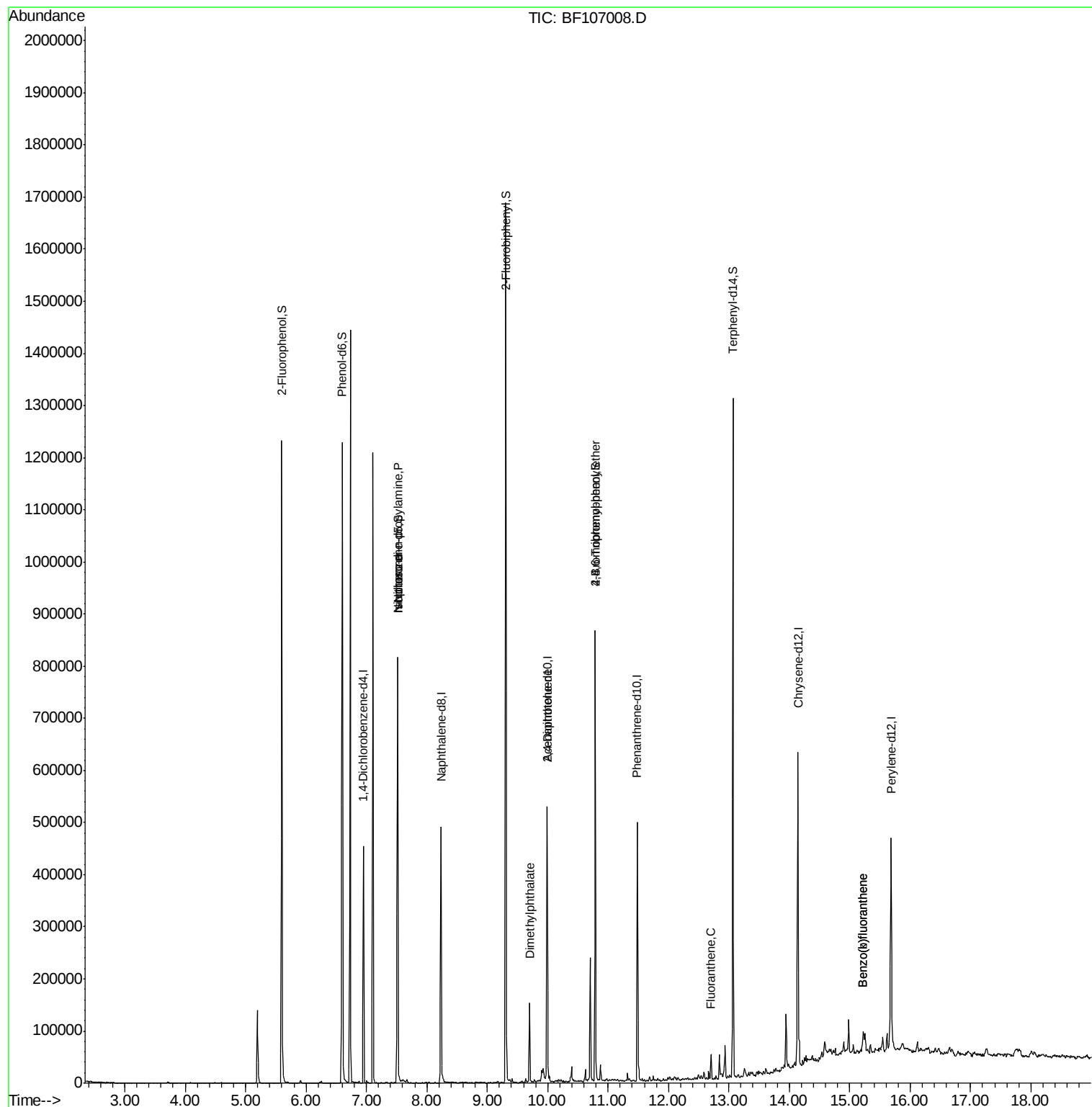
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70645	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	256108	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	118604	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	195677	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	203624	20.00	ng	-0.02
86) Perylene-d12	15.68	264	219809	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	368388	88.30	ng	0.00
7) Phenol-d6	6.60	99	452587	86.87	ng	-0.01
23) Nitrobenzene-d5	7.52	82	279689	60.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	122995	89.47	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	529791	73.64	ng	-0.02
78) Terphenyl-d14	13.07	244	487504	57.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	36208	10.543	ng	# 72
25) Isophorone	7.52	82	279687	34.441	ng	# 64
49) Dimethylphthalate	9.70	163	63831	7.176	ng	# 97
56) 2,4-Dinitrotoluene	9.99	165	14974	6.090	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	7643	3.273	ng	# 1
74) Fluoranthene	12.71	202	21142	2.032	ng	94
87) Benzo(b)fluoranthene	15.22	252	30718	2.250	ng	97
88) Benzo(k)fluoranthene	15.22	252	30718	2.362	ng	97

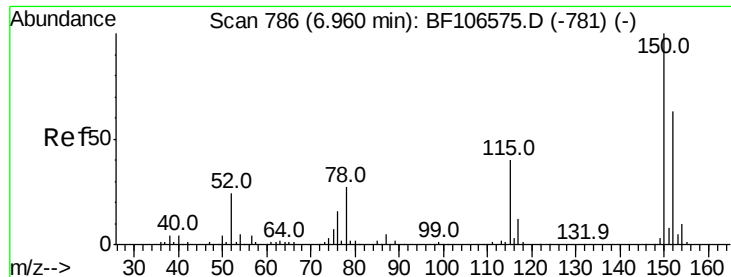
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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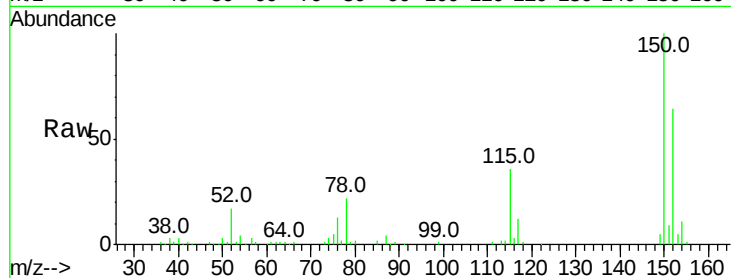


#1

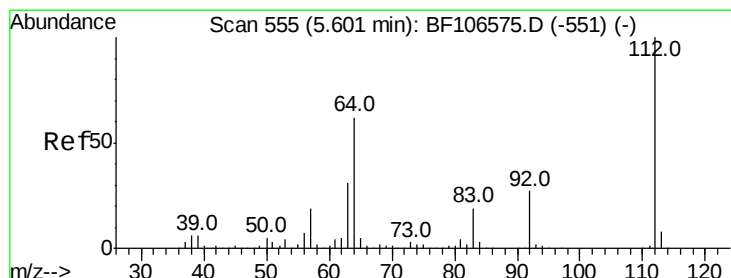
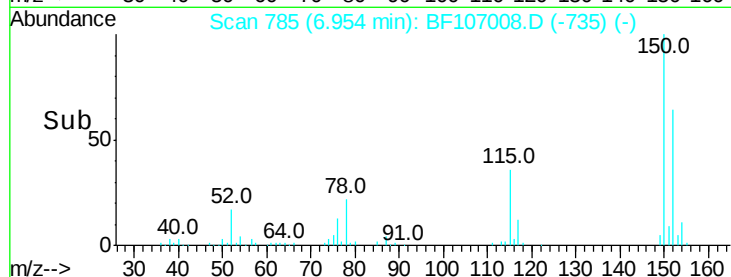
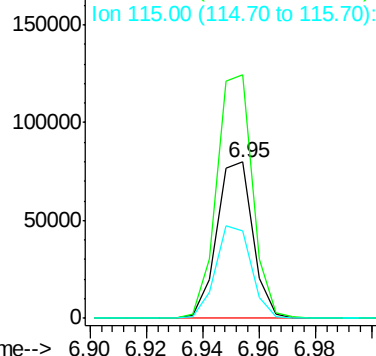
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70645
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 55.5 50.1 75.1



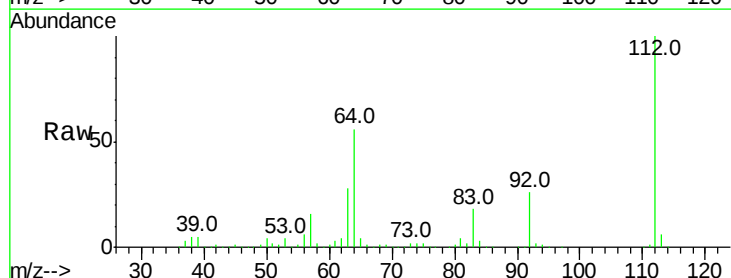
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



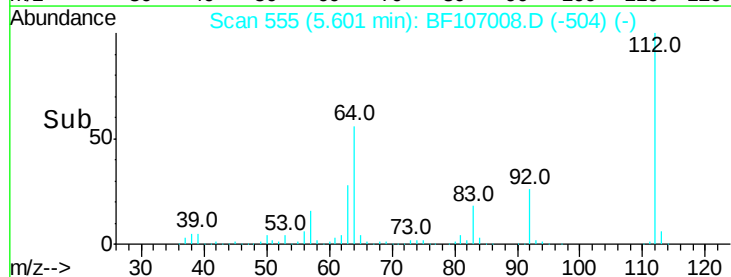
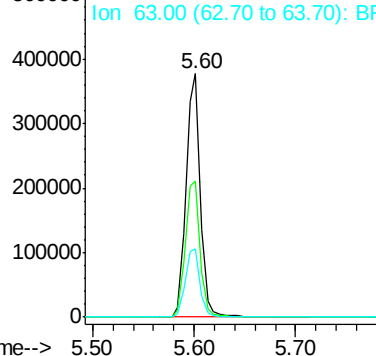
#5

2-Fluorophenol
Concen: 88.300 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:112 Resp: 368388
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 27.8 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: 86.869 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107008.D

Acq: 30 Jun 2018 12:23

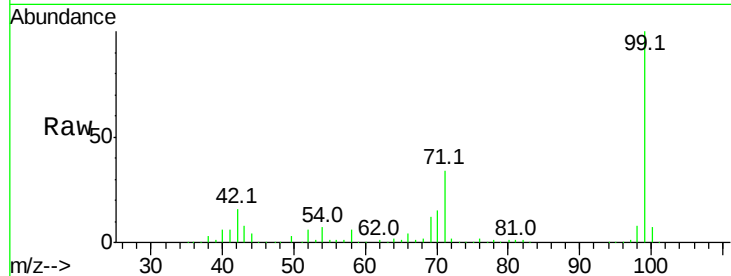
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 452587

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.5	25.4	38.0

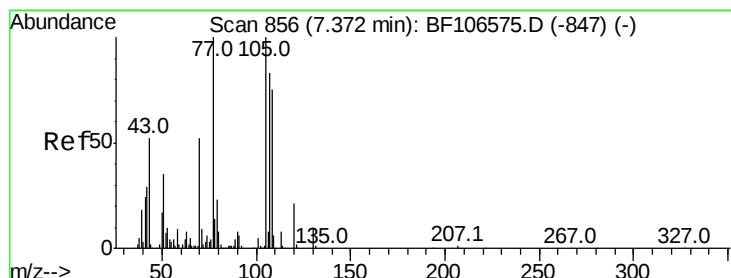
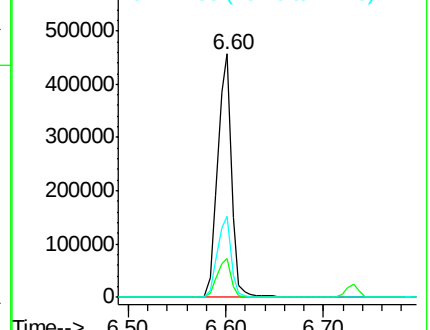
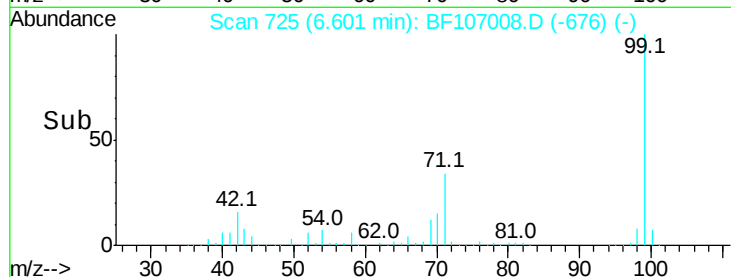


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 10.543 ng

RT: 7.52 min Scan# 881

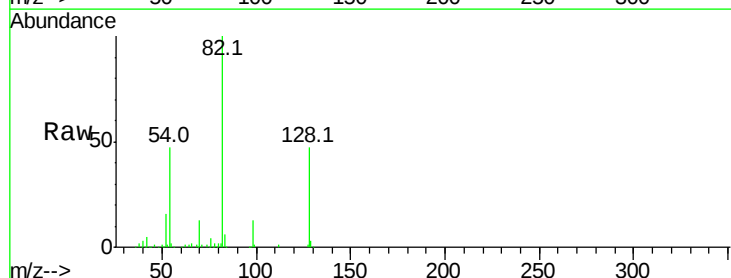
Delta R.T. 0.14 min

Lab File: BF107008.D

Acq: 30 Jun 2018 12:23

Tgt Ion: 70 Resp: 36208

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



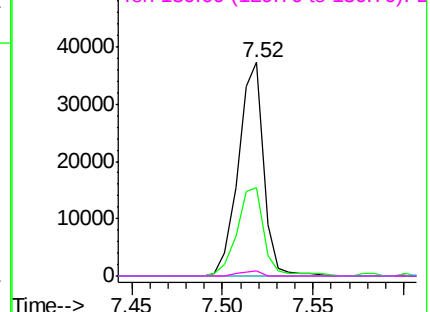
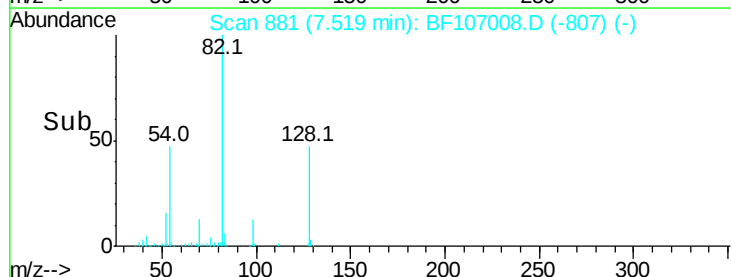
Abundance

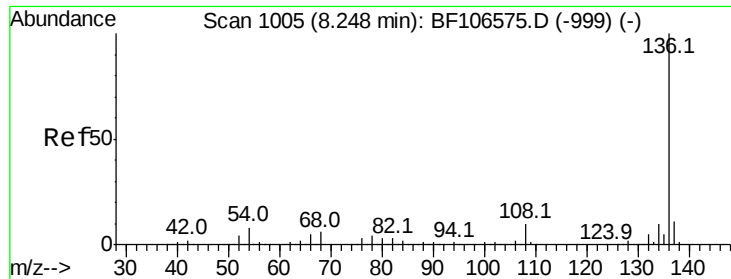
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

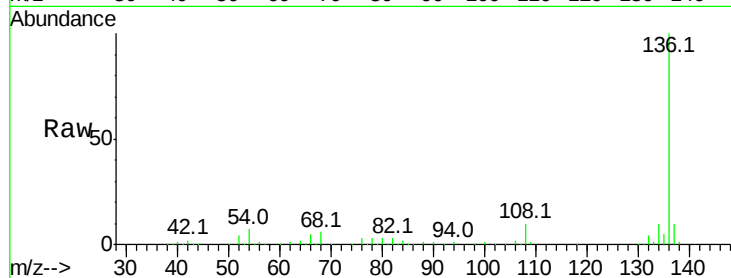




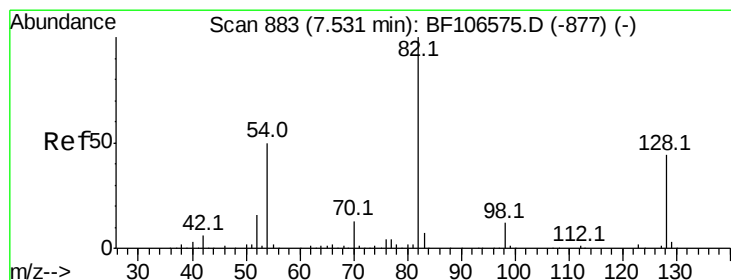
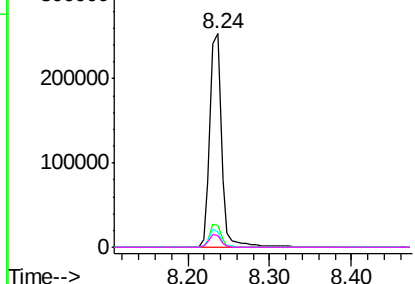
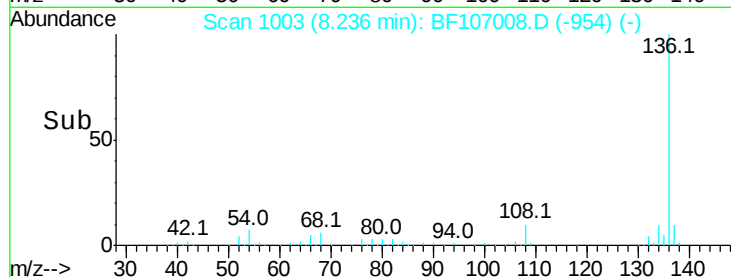
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	256108
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	6.6	9.8
68	5.6	5.0	7.4

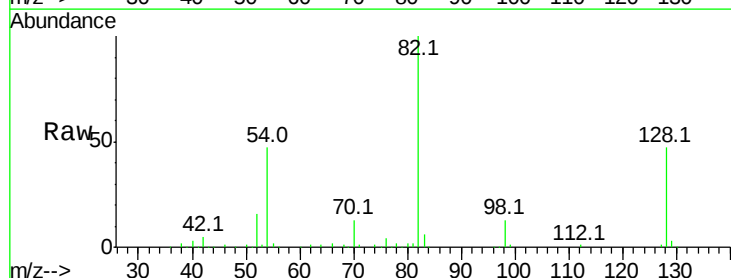


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

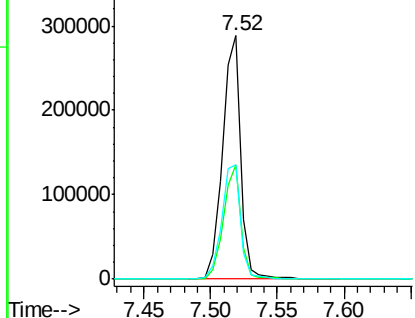
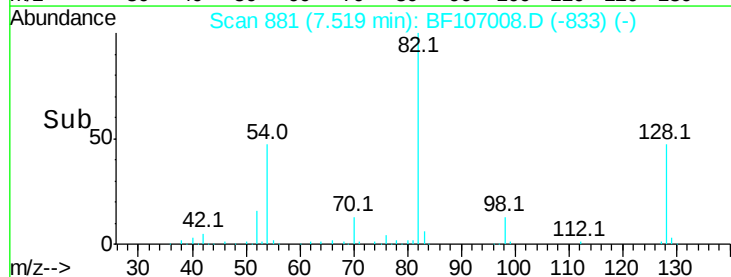


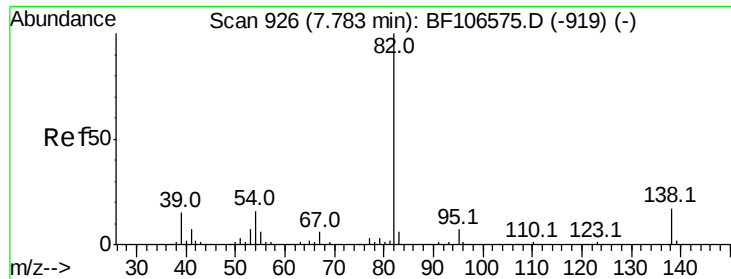
#23
Nitrobenzene-d5
Concen: 60.690 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:	82	Resp:	279689
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	47.2	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

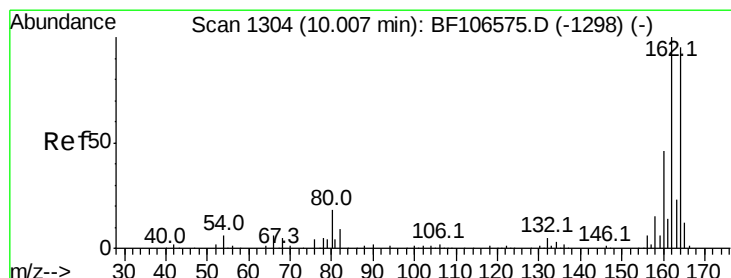
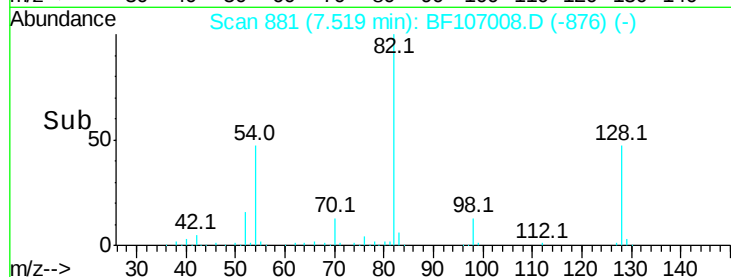
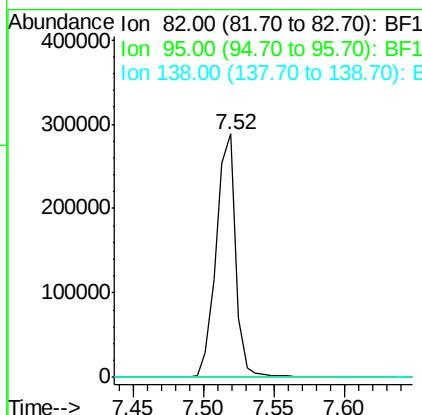
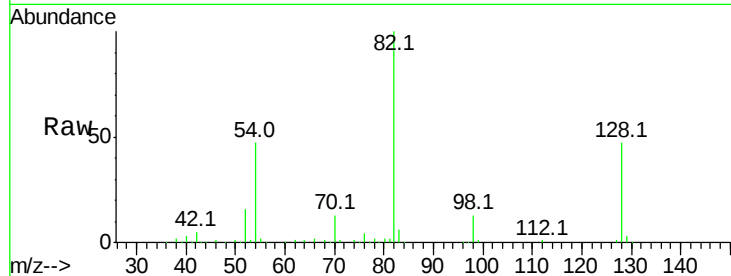




#25
Isophorone
Concen: 34.441 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

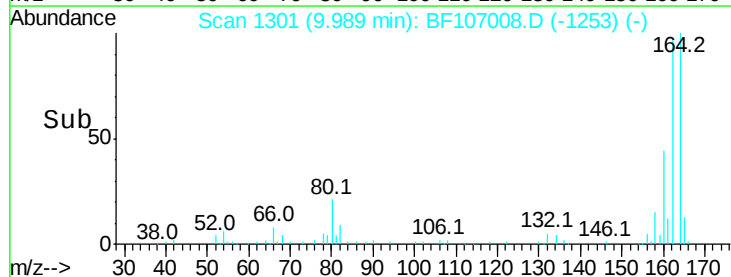
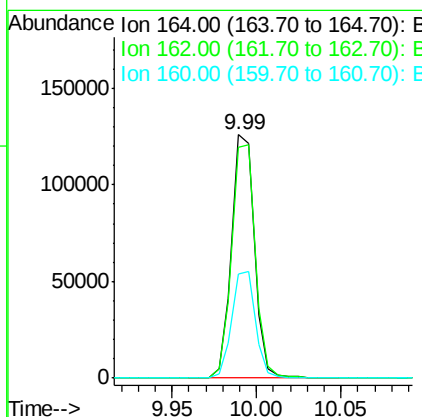
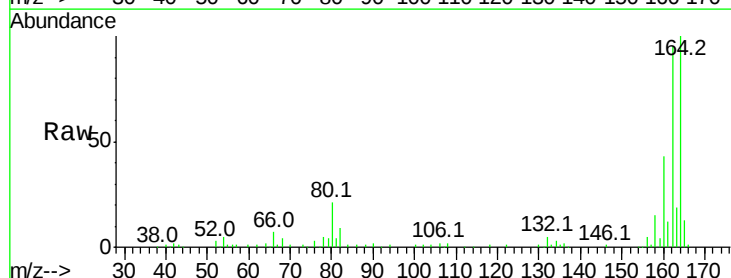
Instrument :
BNA_F
ClientSampleId :

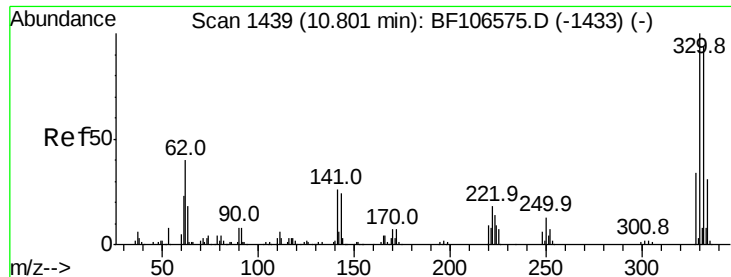
Tot Ion: 82 Resp: 279687
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:164 Resp: 118604
Ion Ratio Lower Upper
164 100
162 94.6 86.1 129.1
160 42.5 38.3 57.5

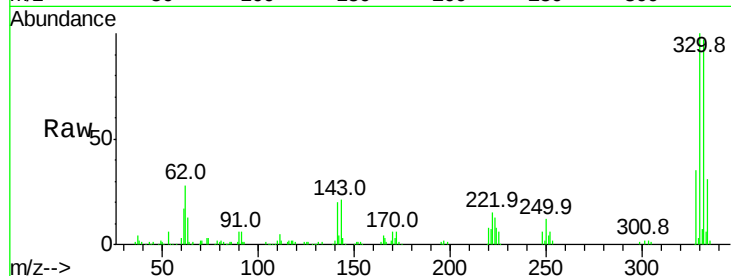




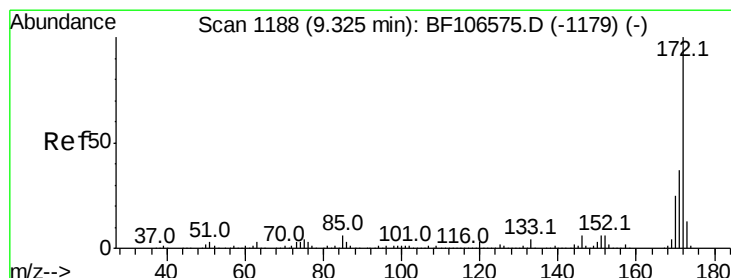
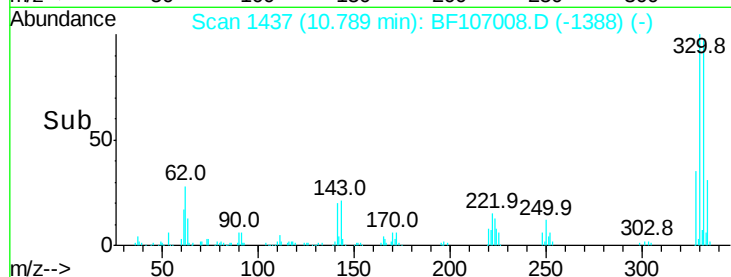
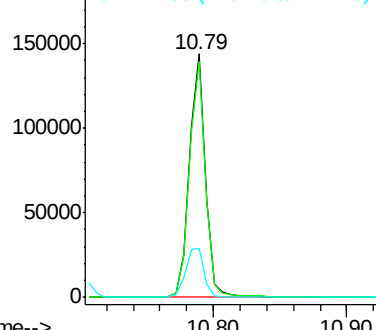
#41
 2,4,6-Tribromophenol
 Concen: 89.474 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107008.D
 Acq: 30 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	23.0	29.9	44.9#

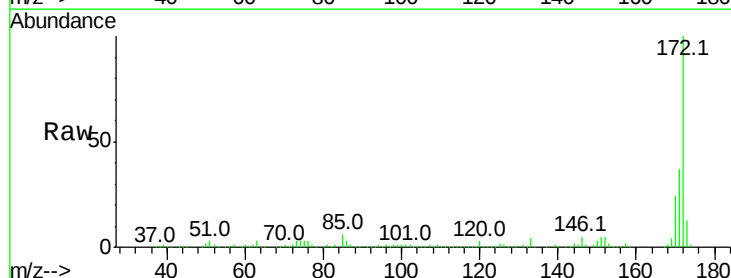


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

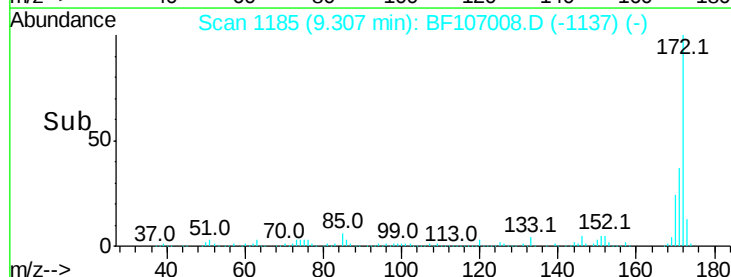
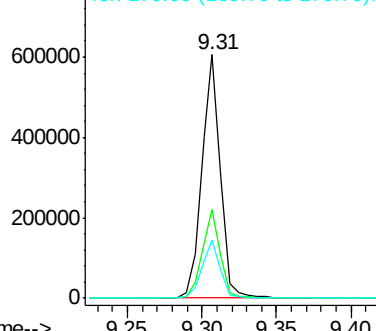


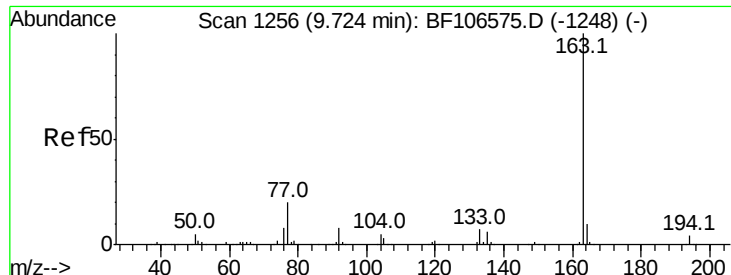
#44
 2-Fluorobiphenyl
 Concen: 73.635 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107008.D
 Acq: 30 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.0	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

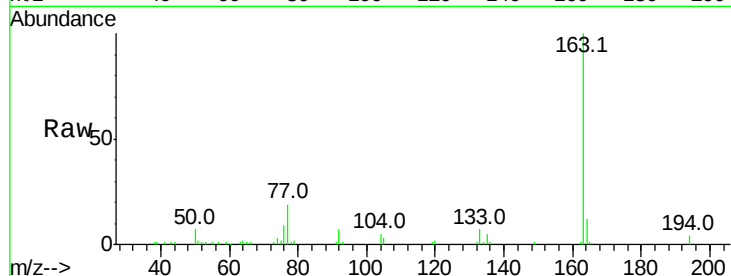




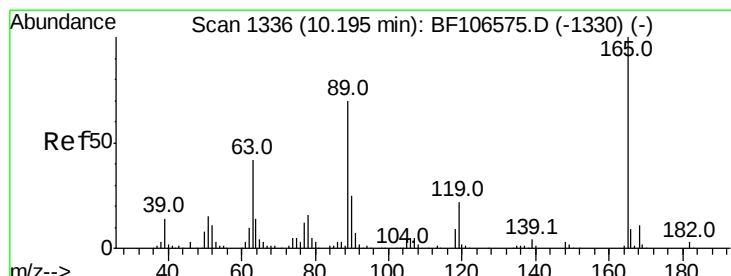
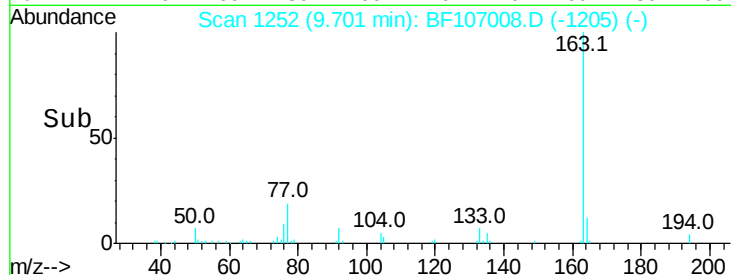
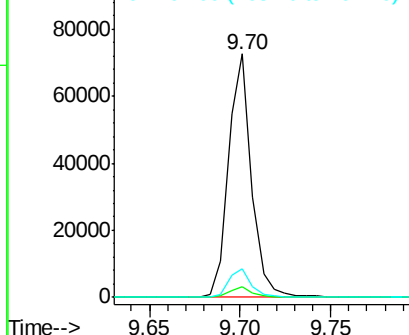
#49
Dimethylphthalate
Concen: 7.176 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 63831
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.6 8.2 12.2



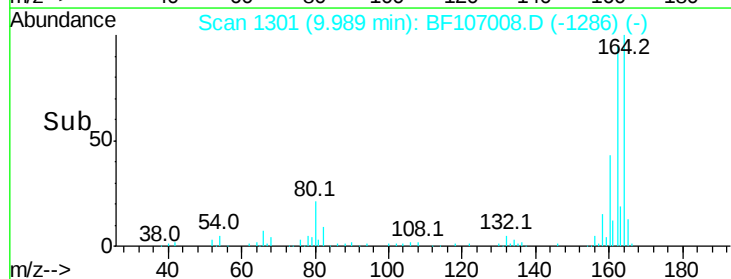
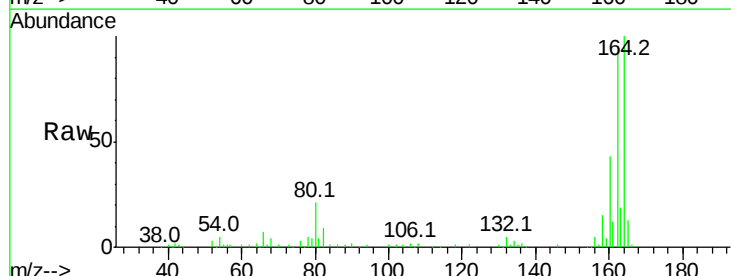
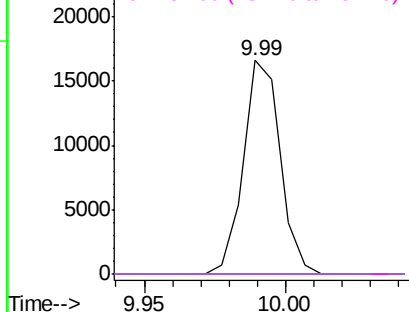
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

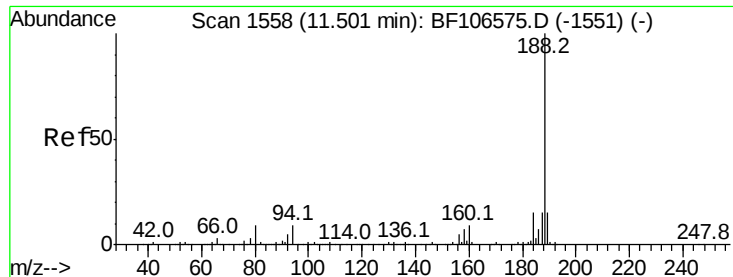


#56
2,4-Dinitrotoluene
Concen: 6.090 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:165 Resp: 14974
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

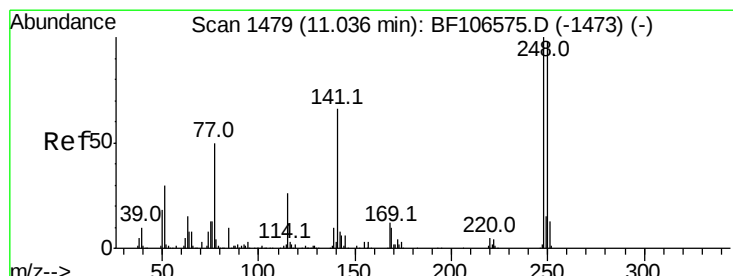
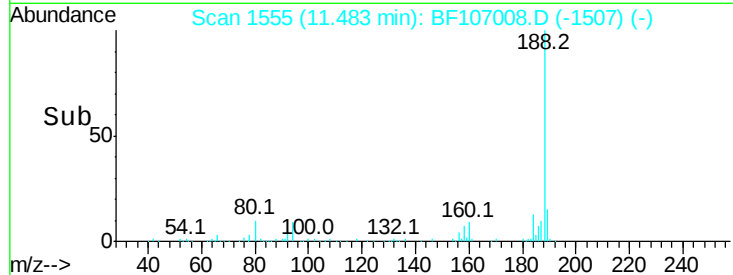
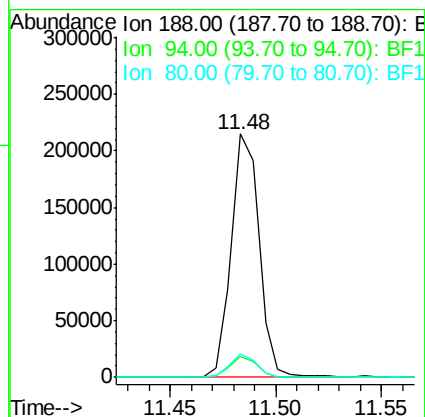
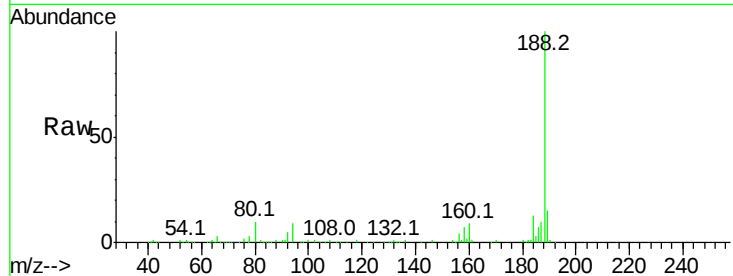




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107008.D
 Acq: 30 Jun 2018 12:23

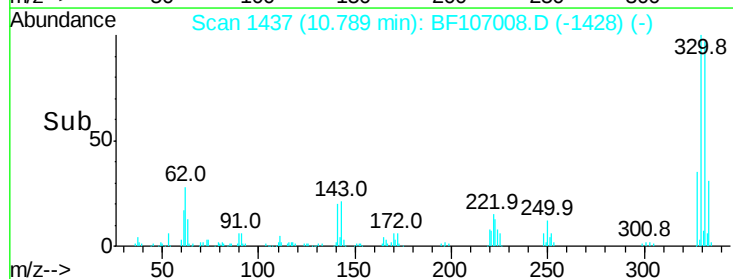
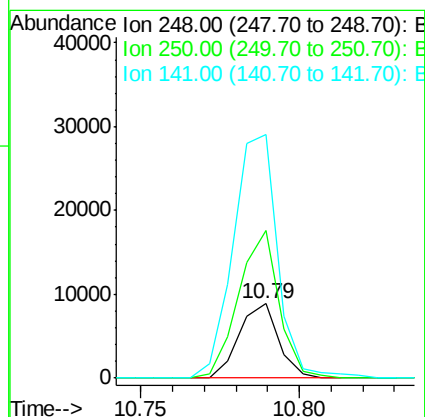
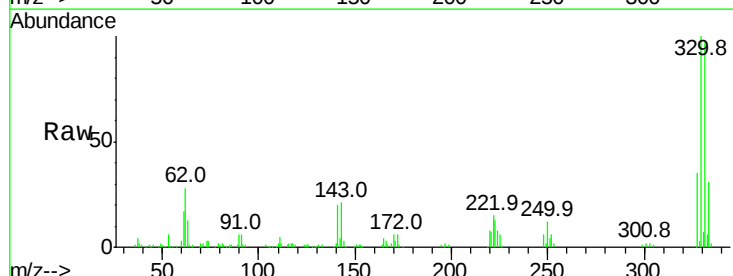
Instrument :
 BNA_F
 ClientSampled :

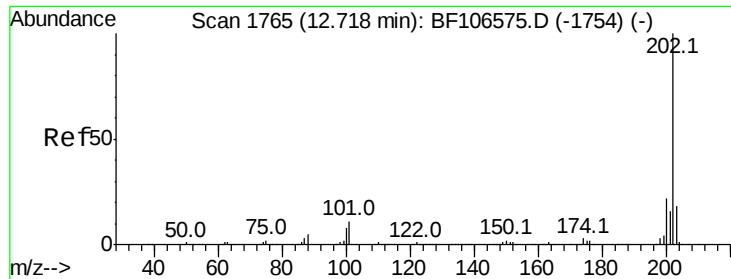
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.273 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107008.D
 Acq: 30 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.8	76.9	115.3#
141	328.5	74.4	111.6#

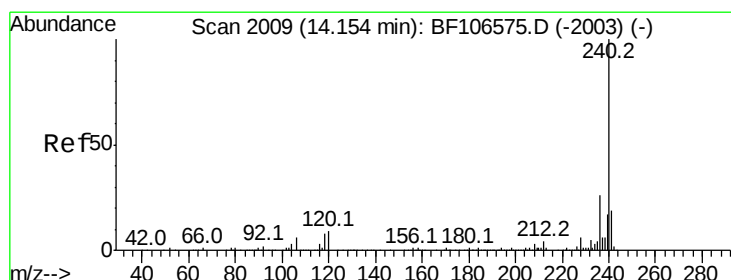
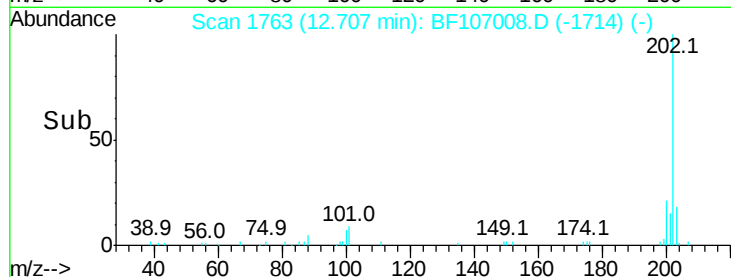
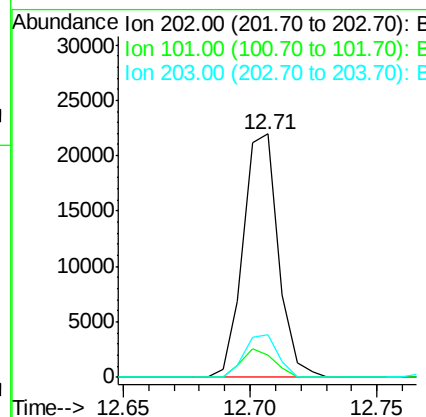
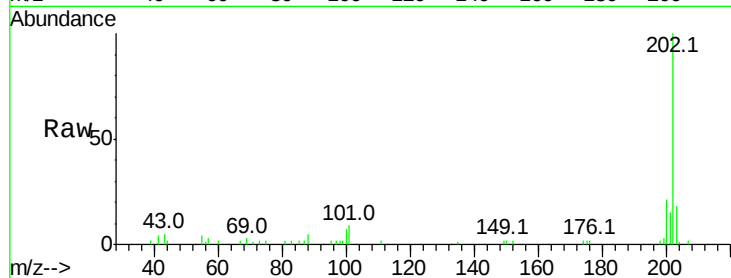




#74
Fluoranthene
 Concen: 2.032 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107008.D
 Acq: 30 Jun 2018 12:23

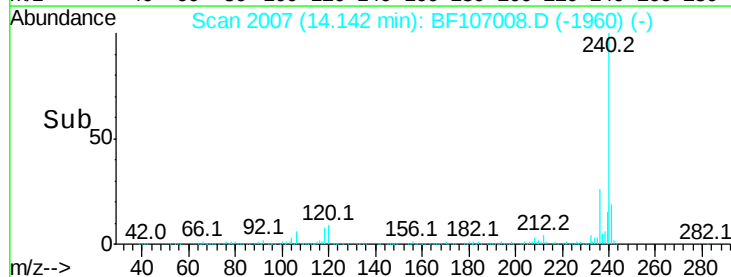
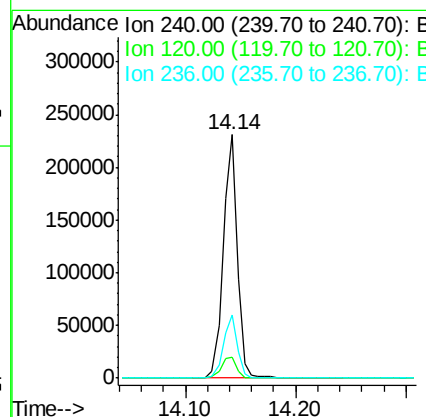
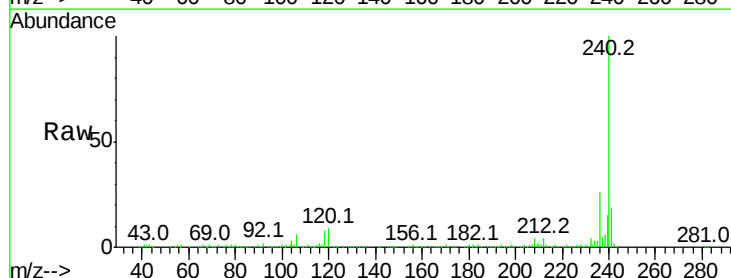
Instrument :
 BNA_F
 ClientSampleId :

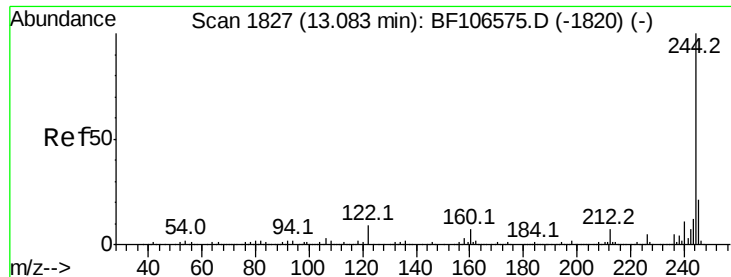
Tot Ion:202 Resp: 21142
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 34.1
 203 17.7 0.0 38.1



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107008.D
 Acq: 30 Jun 2018 12:23

Tgt Ion:240 Resp: 203624
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.5 14.3#
 236 26.0 20.7 31.1

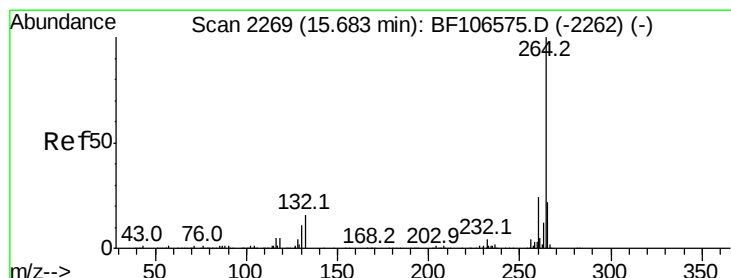
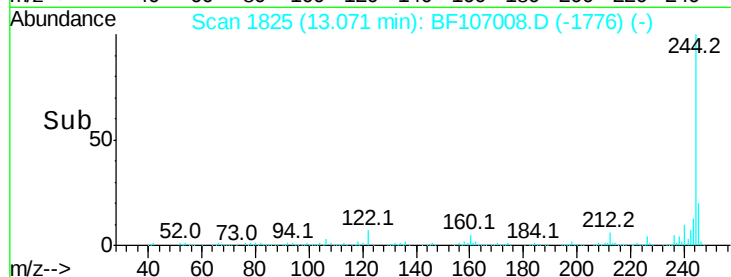
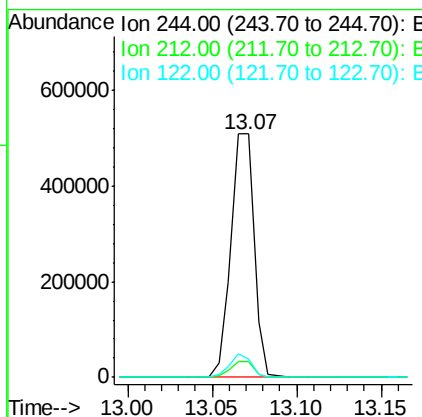
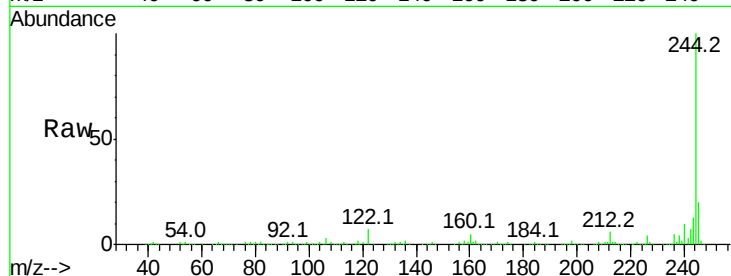




#78
 Terphenyl-d14
 Concen: 57.993 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107008.D
 Acq: 30 Jun 2018 12:23

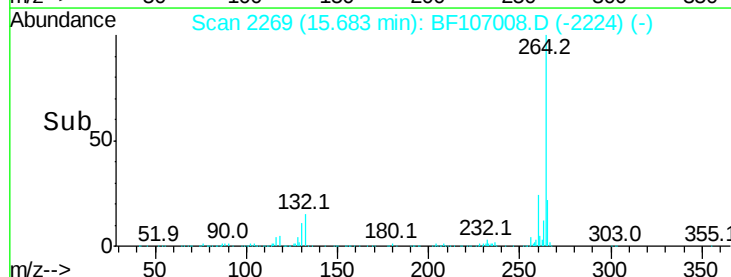
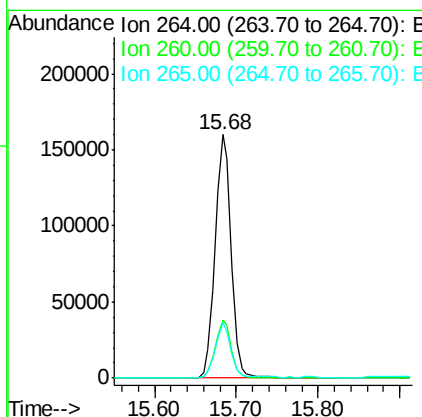
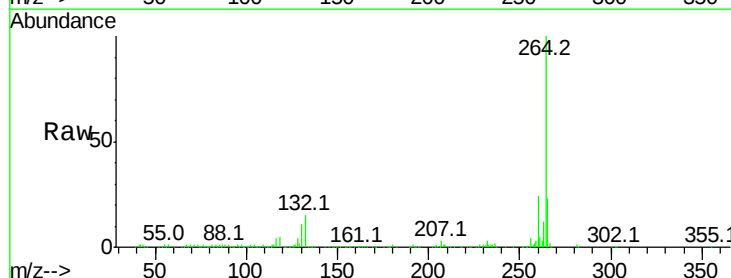
Instrument :
 BNA_F
 ClientSampleId :

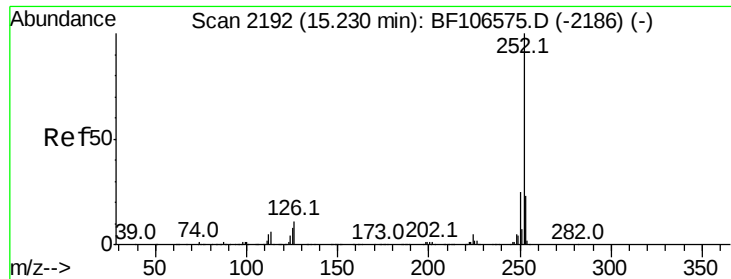
Tot Ion:244 Resp: 487504
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF107008.D
 Acq: 30 Jun 2018 12:23

Tgt Ion:264 Resp: 219809
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.6 17.5 26.3

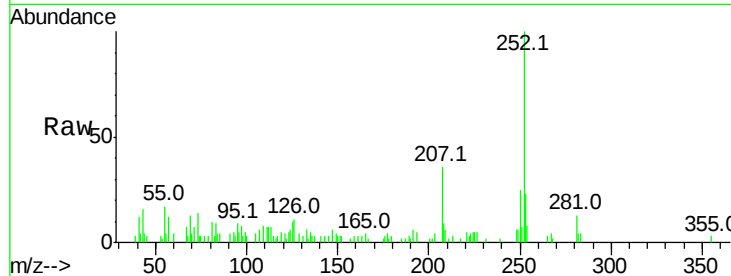




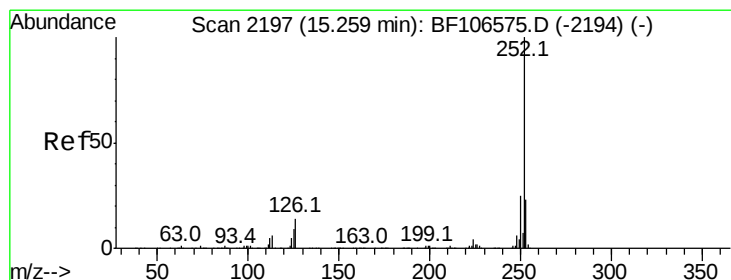
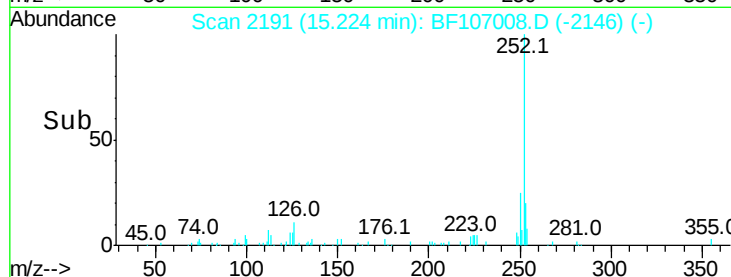
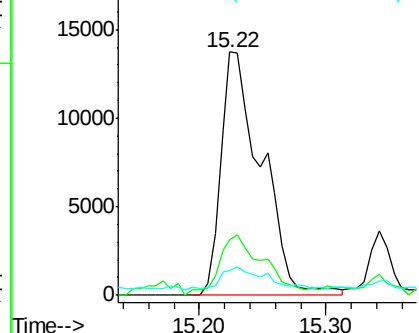
#87
Benzo(b)fluoranthene
Concen: 2.250 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 30718
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 10.2 9.0 13.6

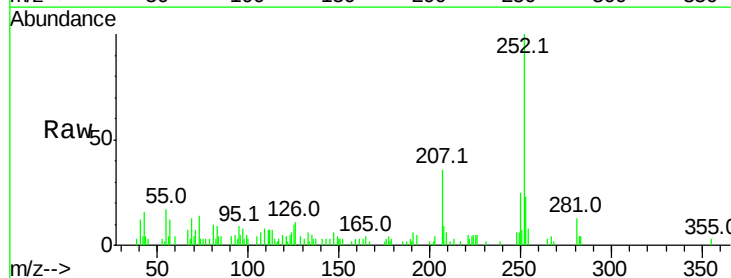


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.362 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.07 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:252 Resp: 30718
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 10.2 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

