

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107028.D
 Acq On : 30 Jun 2018 21:17
 Operator : JU/SJ
 Sample : J3677-09 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:07:46 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

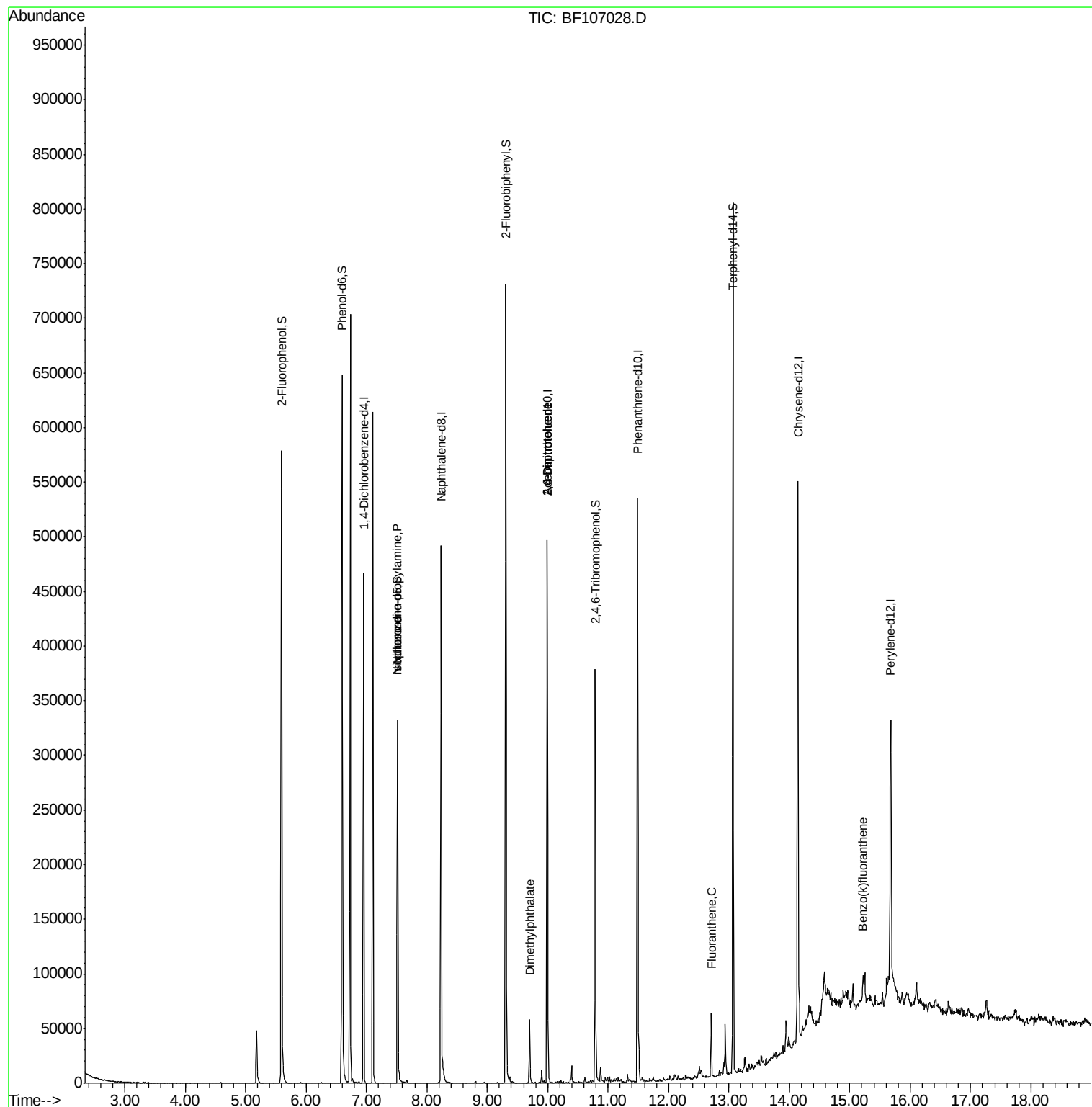
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	67924	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	241357	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	102919	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	208514	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	184443	20.00	ng	-0.02
86) Perylene-d12	15.68	264	130605	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	186977	46.61	ng	0.00
7) Phenol-d6	6.60	99	223122	44.54	ng	-0.02
23) Nitrobenzene-d5	7.51	82	118632	27.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	56238	47.15	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	243528	30.61	ng	-0.02
78) Terphenyl-d14	13.07	244	303570	39.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	15208	4.606	ng	# 75
25) Isophorone	7.51	82	118629	15.501	ng	# 64
49) Dimethylphthalate	9.70	163	27515	3.565	ng	# 95
50) 2,6-Dinitrotoluene	10.00	165	12942	7.918	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	12942	6.066	ng	# 21
74) Fluoranthene	12.71	202	24804	2.238	ng	# 96
88) Benzo(k)fluoranthene	15.22	252	15544	2.012	ng	# 88

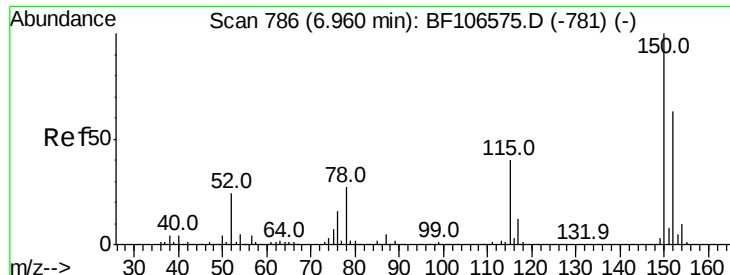
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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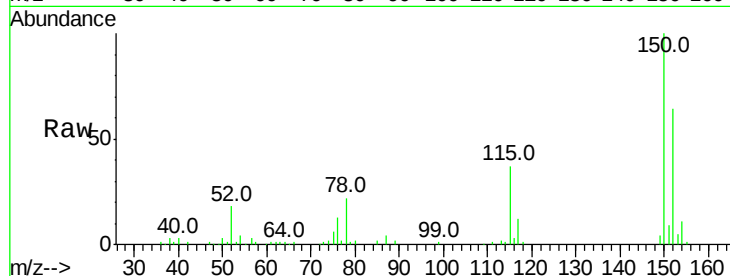


#1

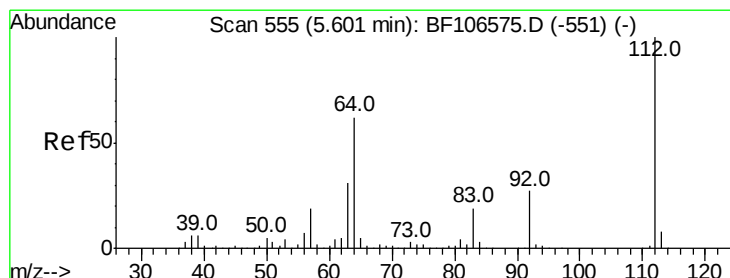
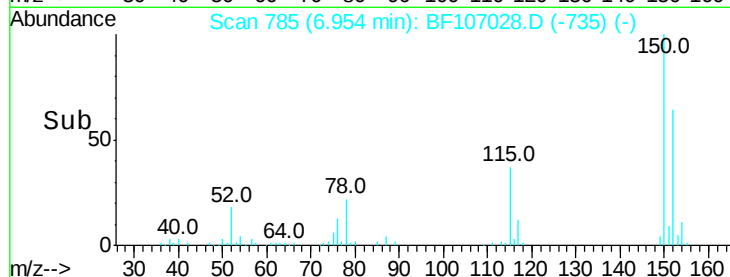
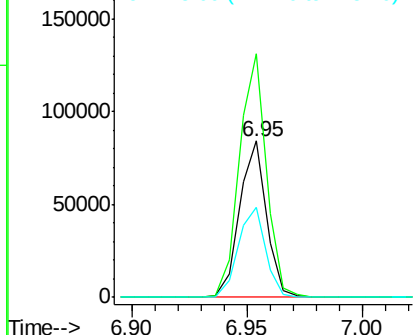
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107028.D
Acq: 30 Jun 2018 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67924
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 57.4 50.1 75.1



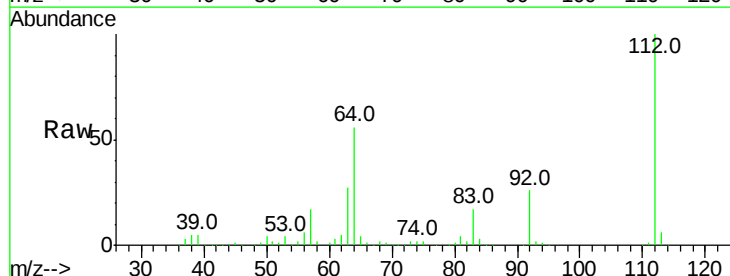
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



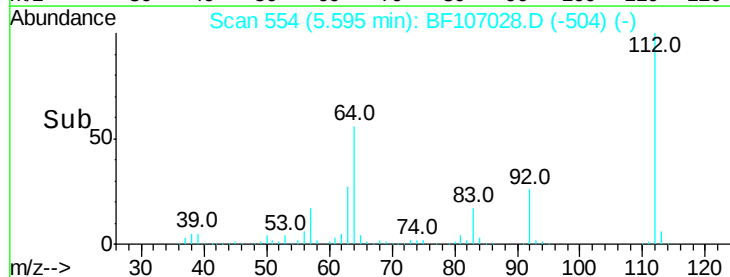
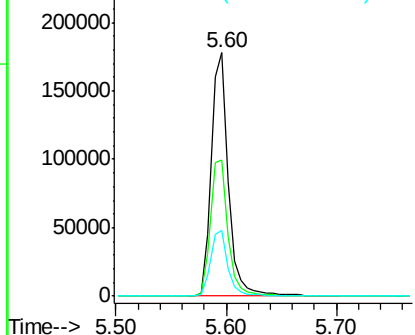
#5

2-Fluorophenol
Concen: 46.613 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107028.D
Acq: 30 Jun 2018 21:17

Tgt Ion:112 Resp: 186977
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 26.8 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: 44.541 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107028.D

Acq: 30 Jun 2018 21:17

Instrument :

BNA_F

ClientSampled :

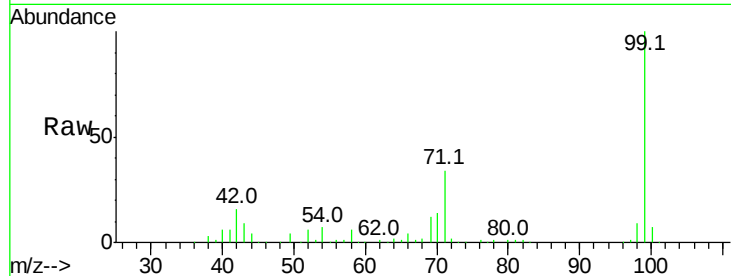
Tot Ion: 99 Resp: 223122

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

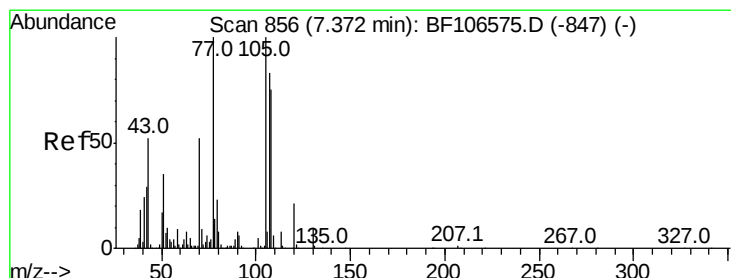
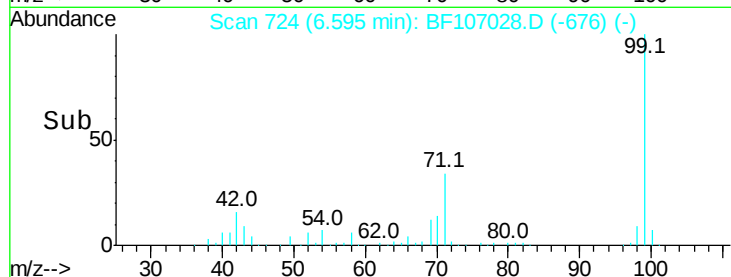
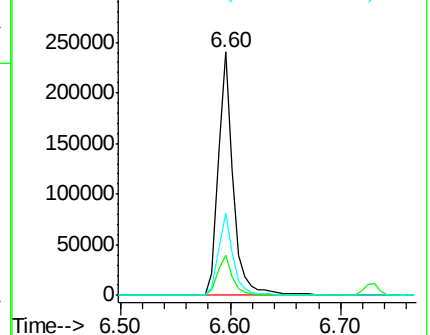
71 33.7 25.4 38.0



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: 4.606 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107028.D

Acq: 30 Jun 2018 21:17

Tgt Ion: 70 Resp: 15208

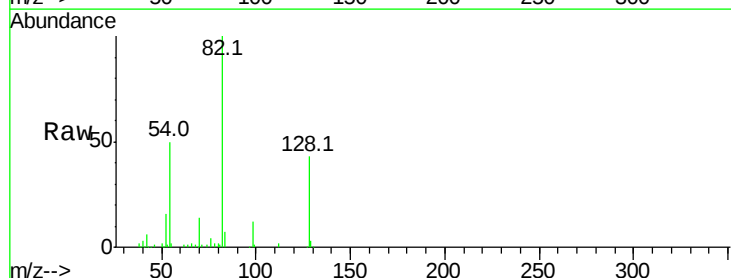
Ion Ratio Lower Upper

70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

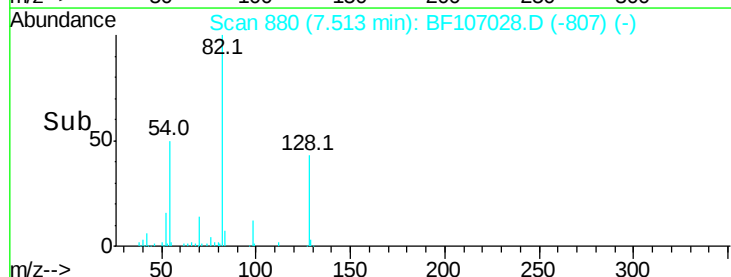
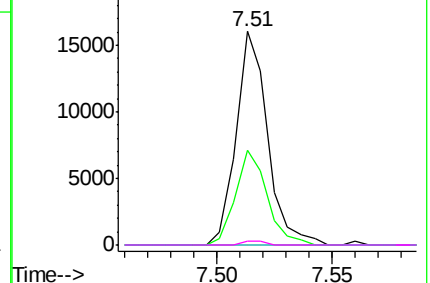


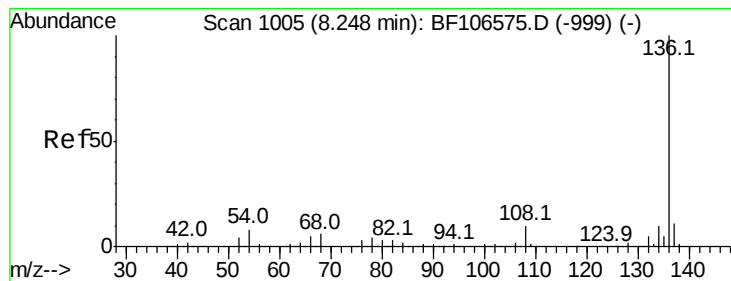
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF107028.D

Acq: 30 Jun 2018 21:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 241357

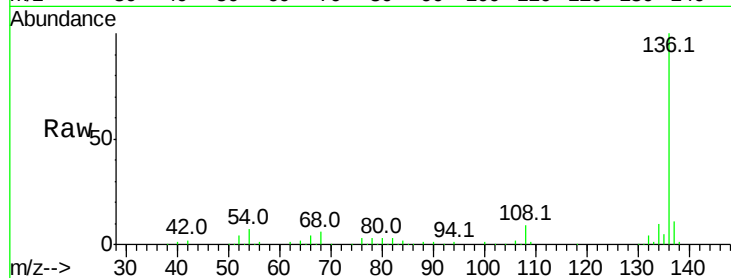
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.5 6.6 9.8

68 5.7 5.0 7.4

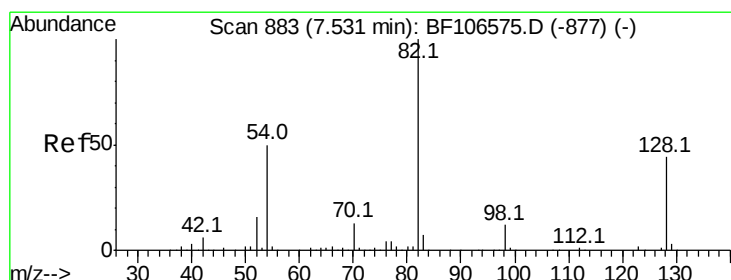
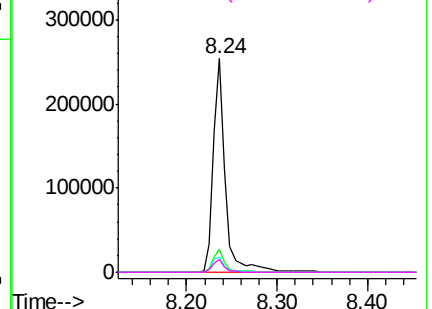
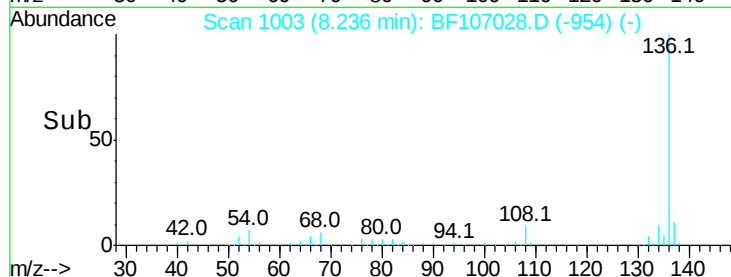


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.316 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107028.D

Acq: 30 Jun 2018 21:17

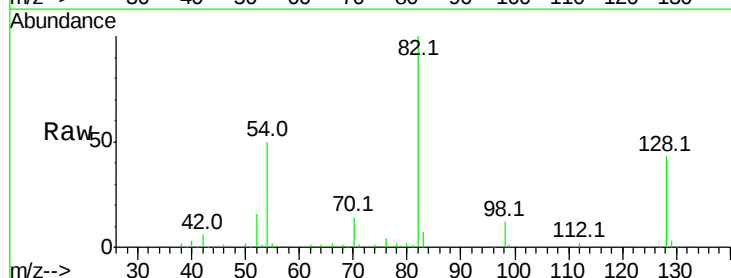
Tgt Ion: 82 Resp: 118632

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

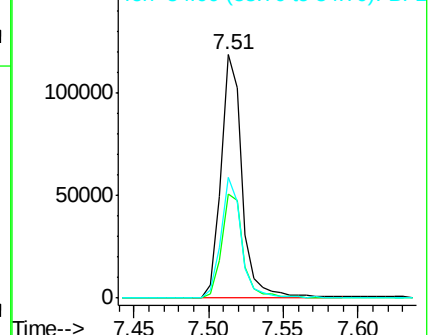
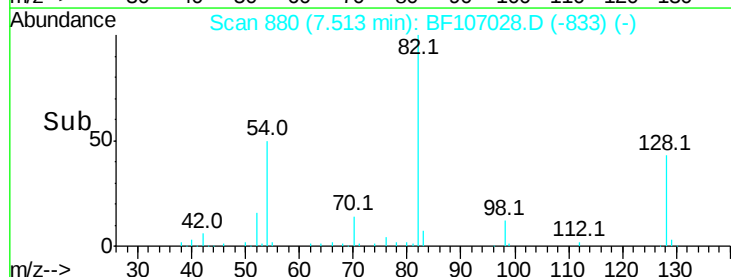
54 49.6 41.4 62.2

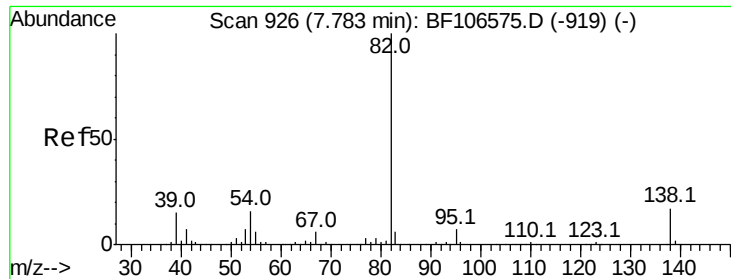


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 15.501 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107028.D

Acq: 30 Jun 2018 21:17

Instrument :

BNA_F

ClientSampleId :

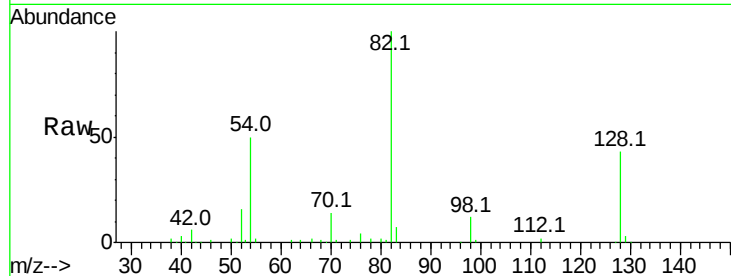
Tot Ion: 82 Resp: 118629

Ion Ratio Lower Upper

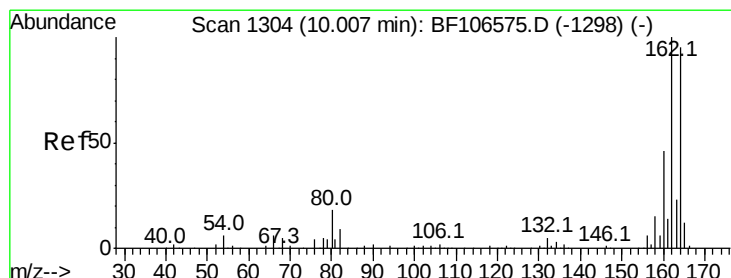
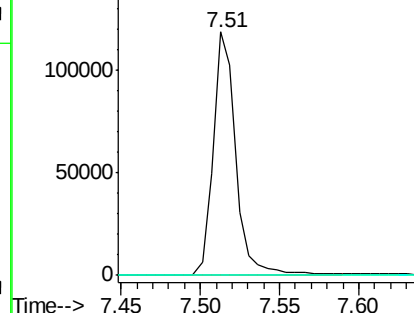
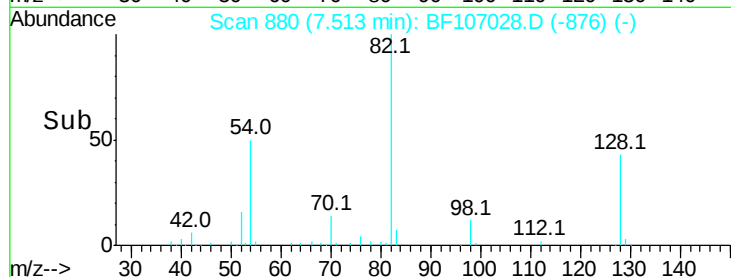
82 100

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: BF107028.D

Acq: 30 Jun 2018 21:17

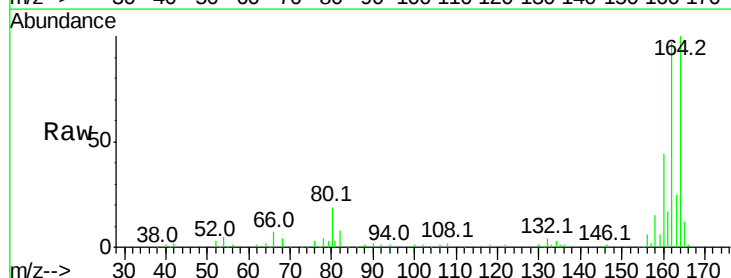
Tgt Ion:164 Resp: 102919

Ion Ratio Lower Upper

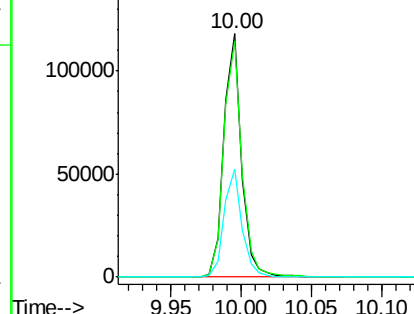
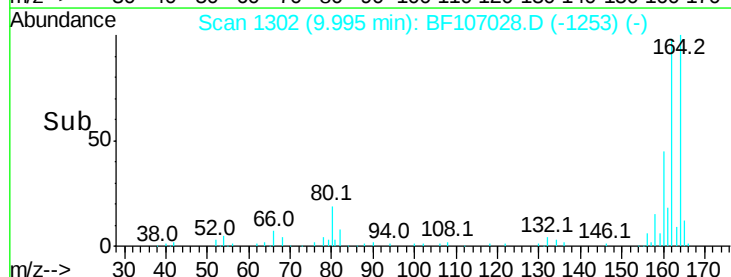
164 100

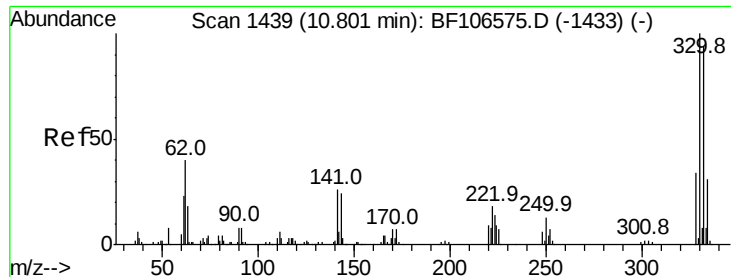
162 96.7 86.1 129.1

160 44.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

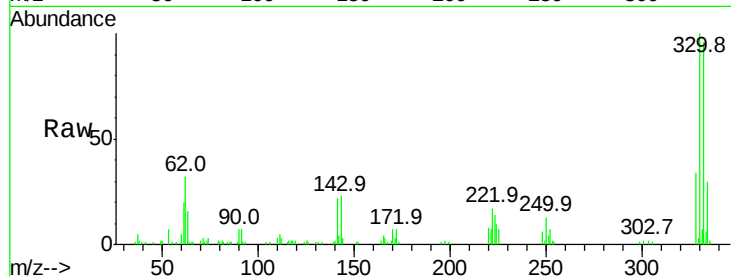




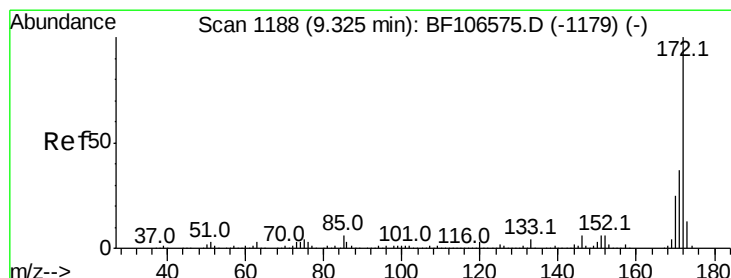
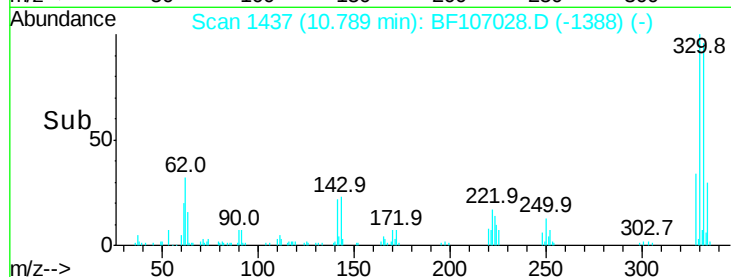
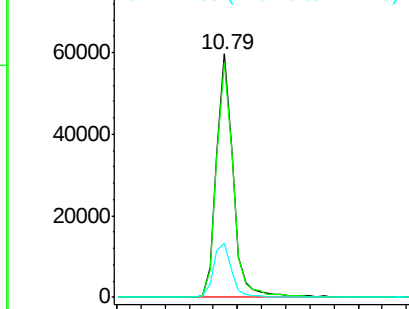
#41
 2,4,6-Tribromophenol
 Concen: 47.146 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107028.D
 Acq: 30 Jun 2018 21:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	23.8	29.9	44.9#

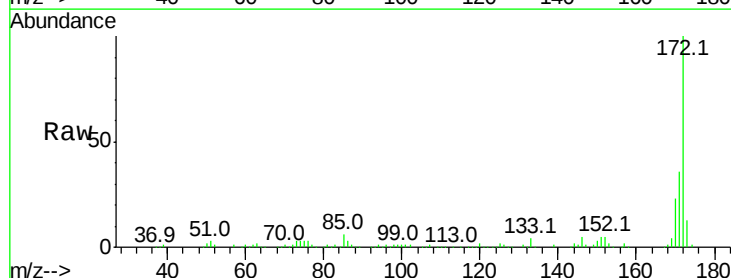


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

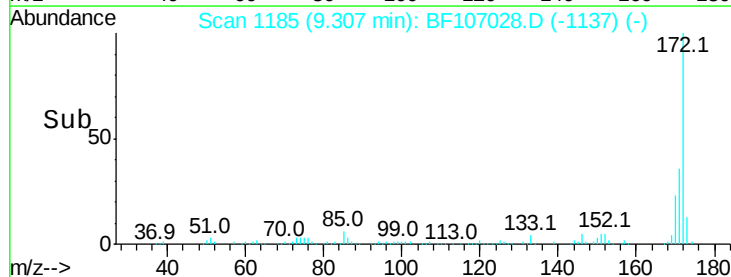
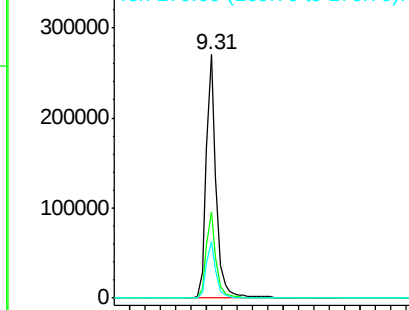


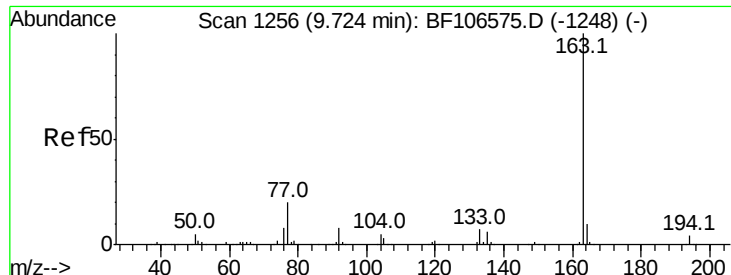
#44
 2-Fluorobiphenyl
 Concen: 30.613 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107028.D
 Acq: 30 Jun 2018 21:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.1	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: 3.565 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107028.D

Acq: 30 Jun 2018 21:17

Instrument :

BNA_F

ClientSampleId :

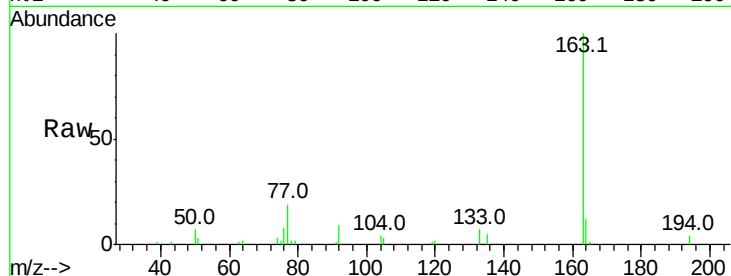
Tot Ion:163 Resp: 27515

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

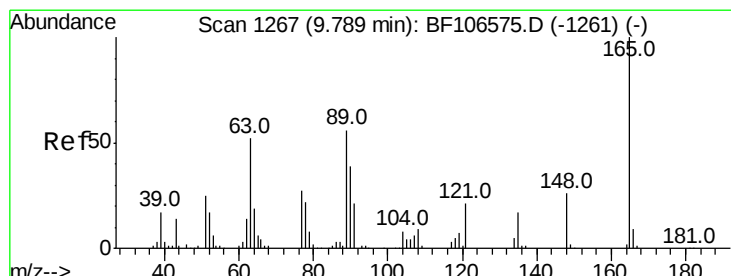
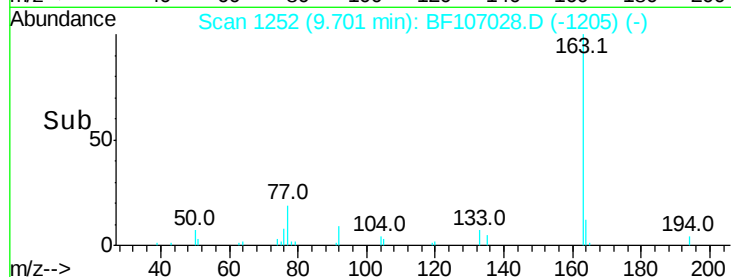
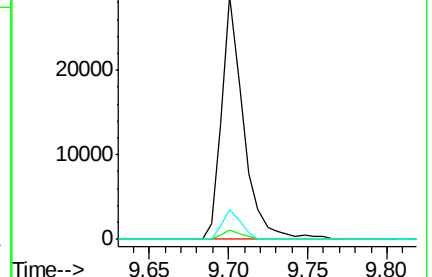
164 12.3 8.2 12.2#



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



#50

2,6-Dinitrotoluene

Concen: 7.918 ng

RT: 10.00 min Scan# 1302

Delta R.T. 0.20 min

Lab File: BF107028.D

Acq: 30 Jun 2018 21:17

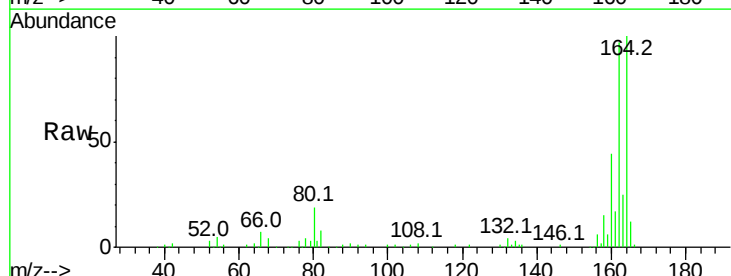
Tgt Ion:165 Resp: 12942

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

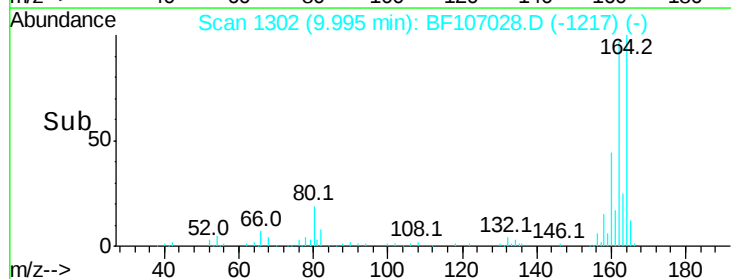
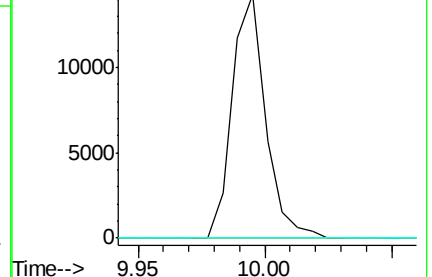
89 0.0 44.0 66.0#

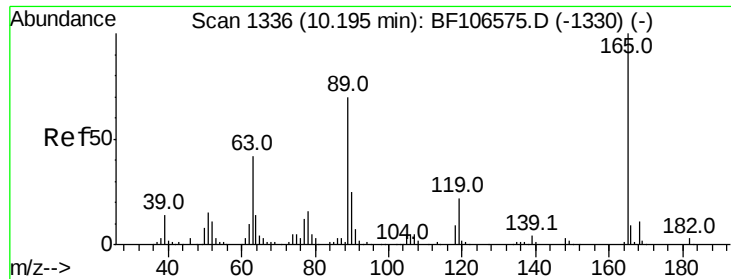


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

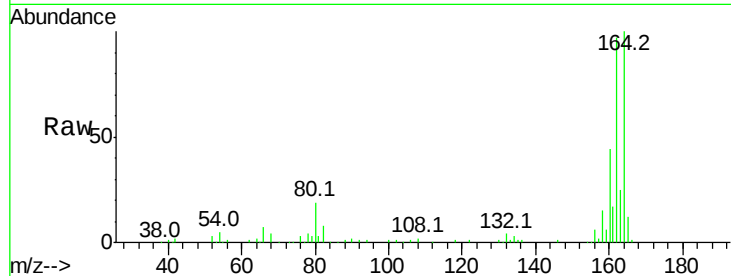




#56
 2,4-Dinitrotoluene
 Concen: 6.066 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107028.D
 Acq: 30 Jun 2018 21:17

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#

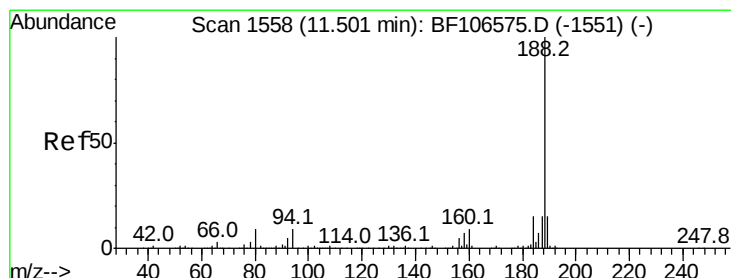
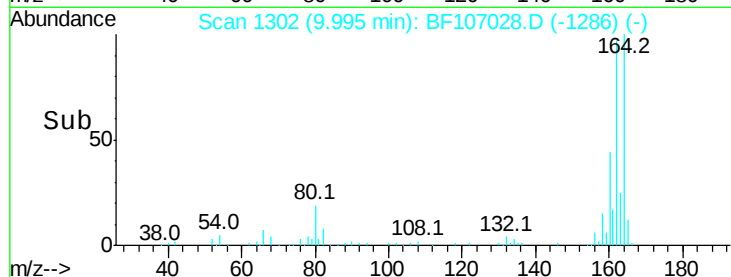
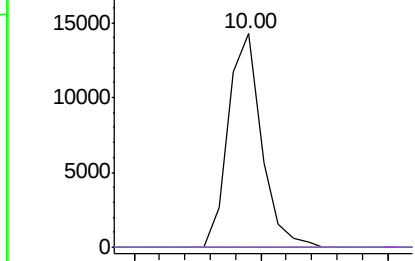


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

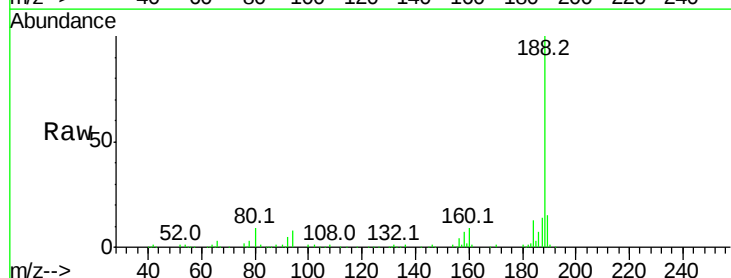
Ion 89.00 (88.70 to 89.70): BF1

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: BF107028.D
 Acq: 30 Jun 2018 21:17

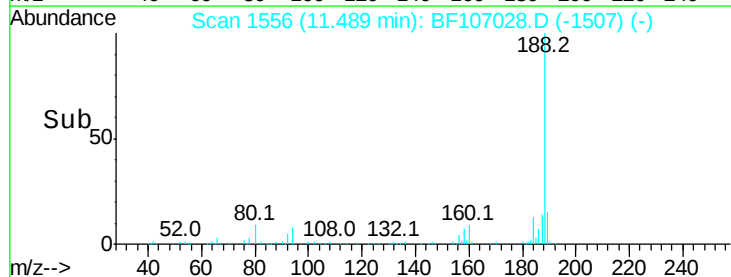
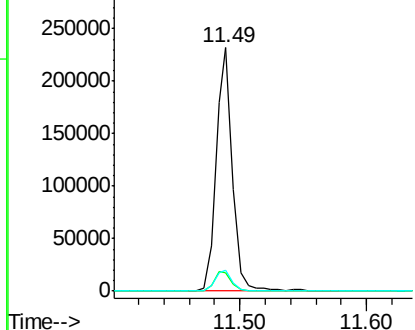
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.6	9.2	13.8#

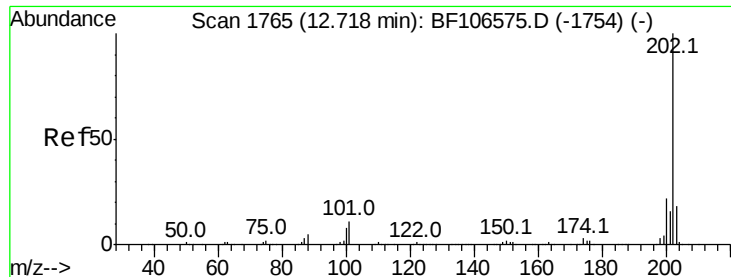


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

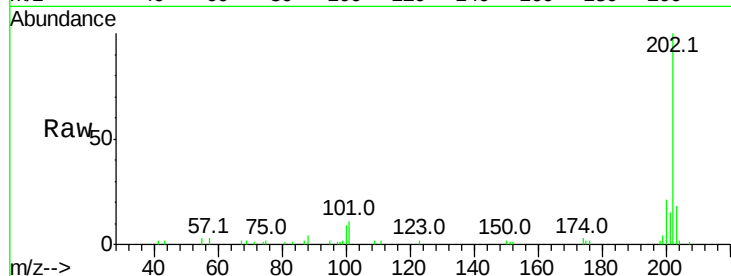




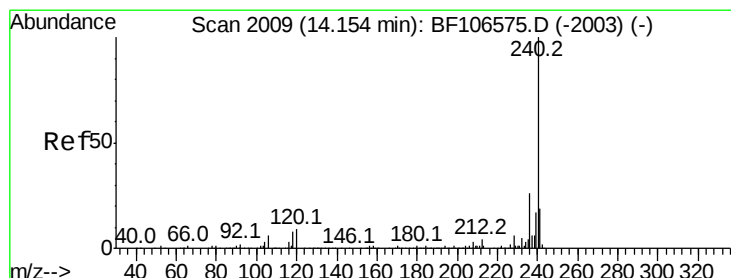
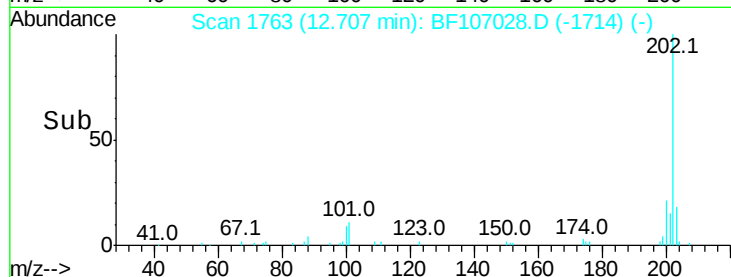
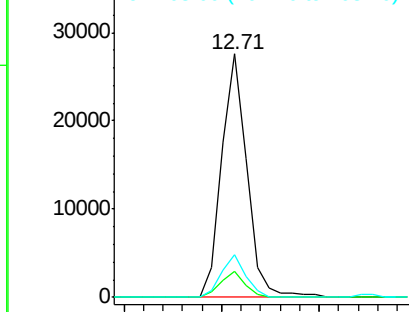
#74
 Fluoranthene
 Concen: 2.238 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107028.D
 Acq: 30 Jun 2018 21:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 24804
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 34.1
 203 17.5 0.0 38.1

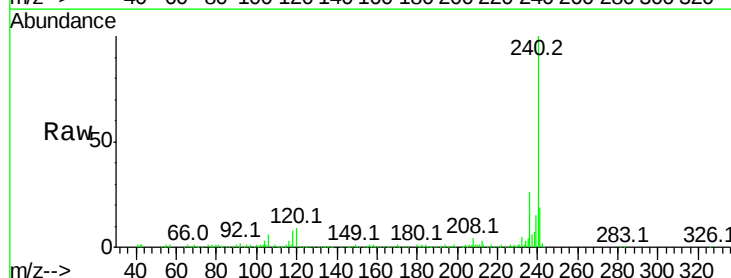


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

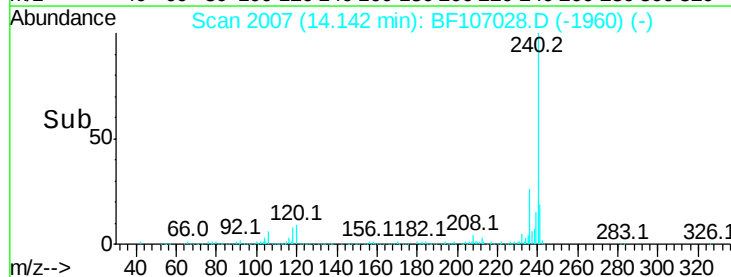
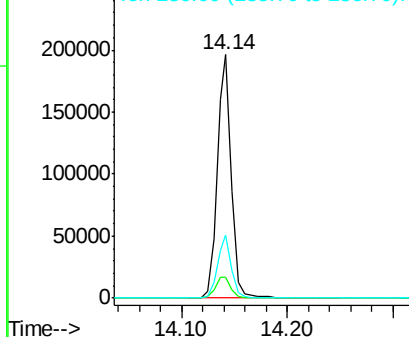


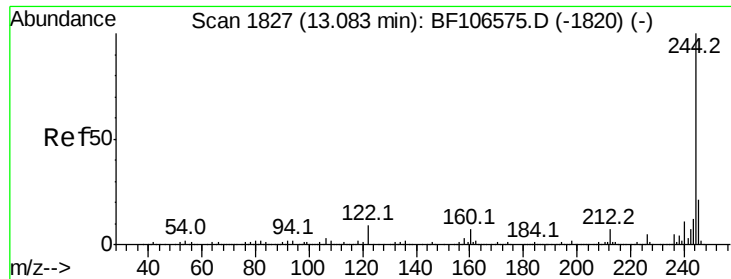
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107028.D
 Acq: 30 Jun 2018 21:17

Tgt Ion:240 Resp: 184443
 Ion Ratio Lower Upper
 240 100
 120 8.8 9.5 14.3#
 236 25.8 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

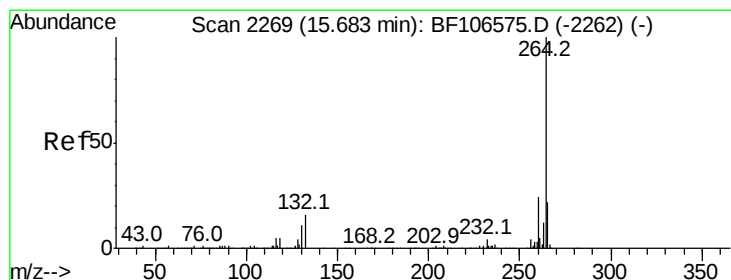
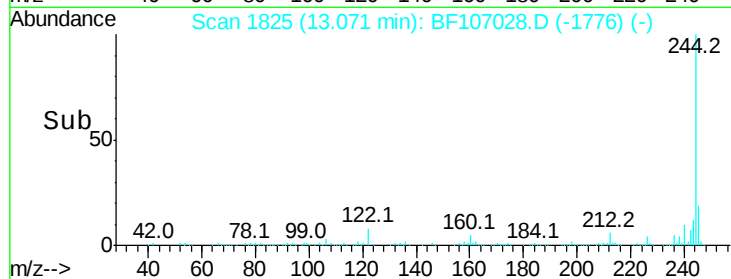
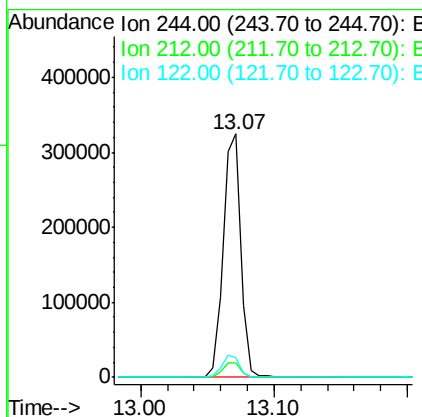
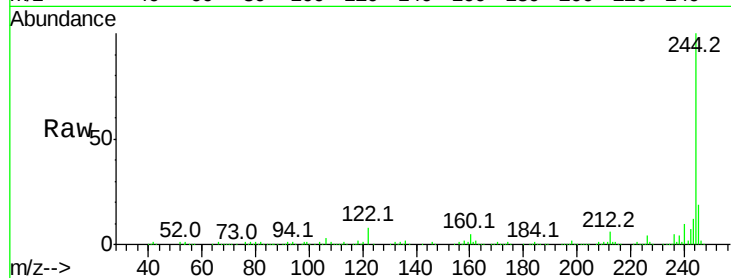




#78
 Terphenyl-d14
 Concen: 39.868 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107028.D
 Acq: 30 Jun 2018 21:17

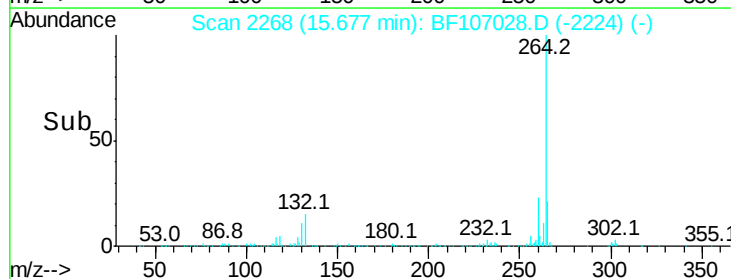
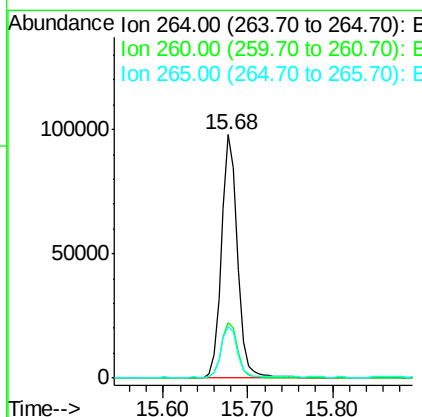
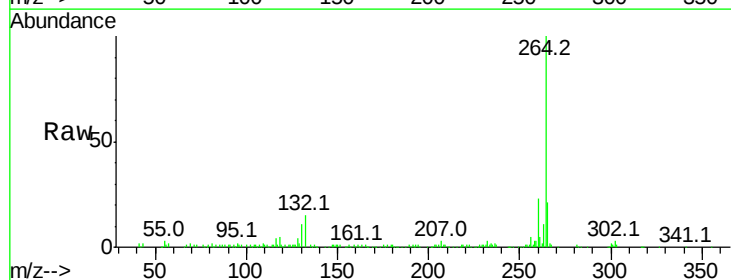
Instrument :
 BNA_F
 ClientSampleId :

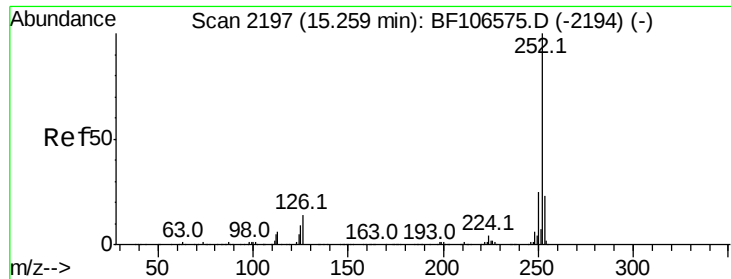
Tot Ion:244 Resp: 303570
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 7.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF107028.D
 Acq: 30 Jun 2018 21:17

Tgt Ion:264 Resp: 130605
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.1 17.5 26.3

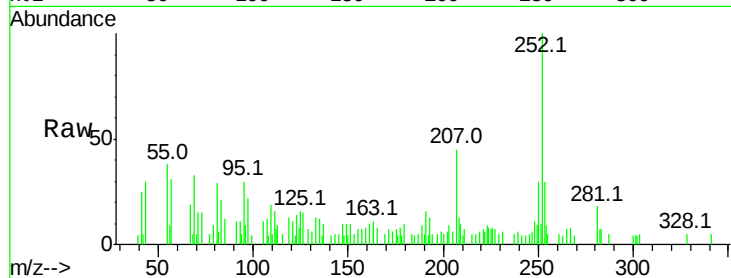




#88
 Benzo(k)fluoranthene
 Concen: 2.012 ng
 RT: 15.22 min Scan# 2191
 Delta R.T. -0.07 min
 Lab File: BF107028.D
 Acq: 30 Jun 2018 21:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 15544
 Ion Ratio Lower Upper
 252 100
 253 29.6 17.9 26.9#
 125 15.8 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

