

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107158.D
 Acq On : 6 Jul 2018 7:46
 Operator : JU/SJ
 Sample : J3851-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 08:14:45 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

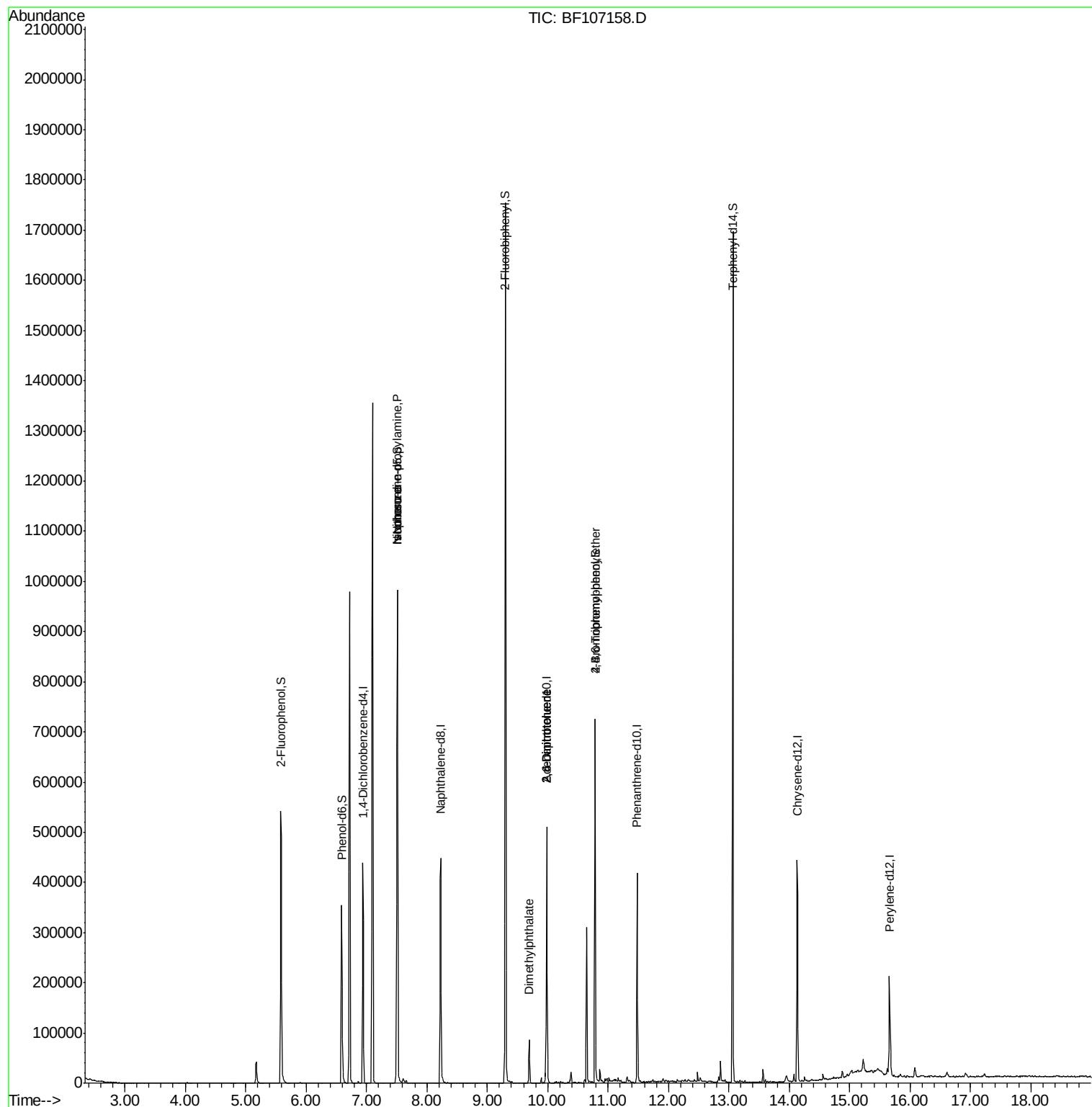
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64567	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	241506	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	107879	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	174693	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	165003	20.00	ng	-0.04
86) Perylene-d12	15.66	264	112662	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	172087	45.13	ng	-0.02
7) Phenol-d6	6.59	99	141119	29.64	ng	-0.02
23) Nitrobenzene-d5	7.51	82	372094	85.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	101875	81.48	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	638243	103.32	ng	-0.02
78) Terphenyl-d14	13.07	244	646621	94.93	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	48105	15.326	ng	# 73
25) Isophorone	7.51	82	372091	48.590	ng	# 64
49) Dimethylphthalate	9.70	163	38925	4.811	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	14127	8.245	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	14127	6.317	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	6463	3.100	ng	# 1

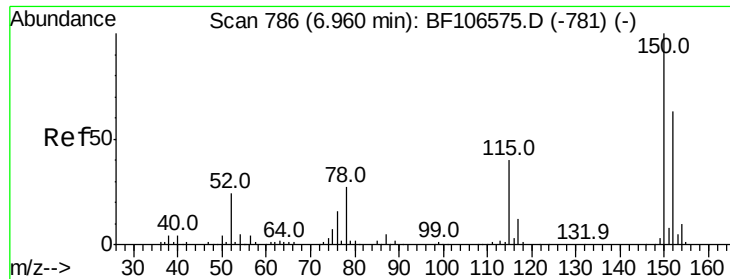
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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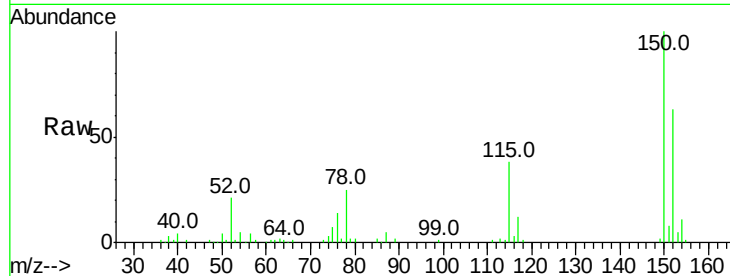


#1

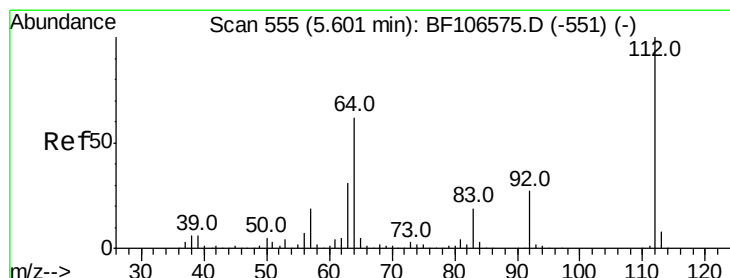
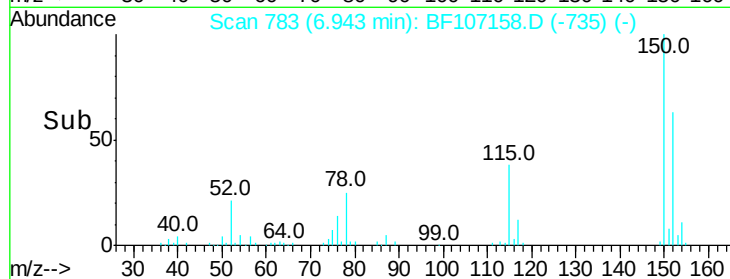
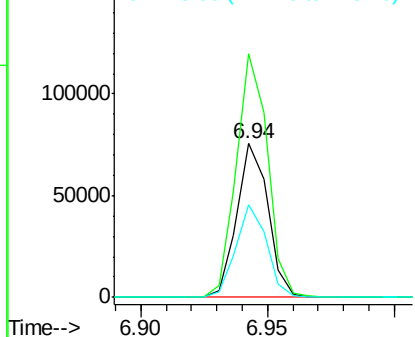
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107158.D
Acq: 6 Jul 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64567
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 60.1 50.1 75.1



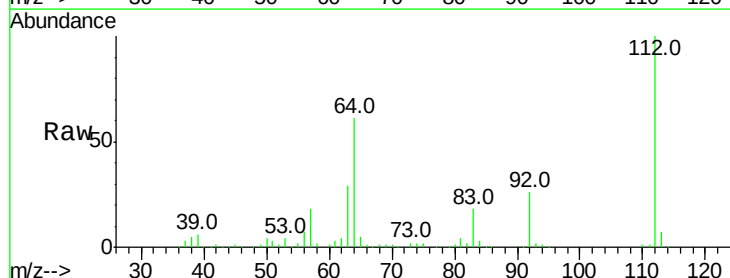
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



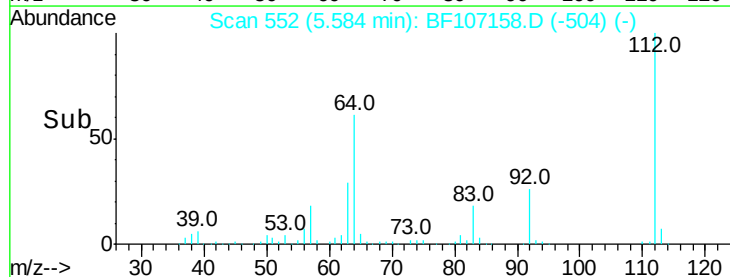
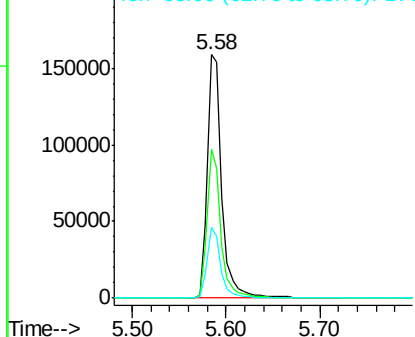
#5

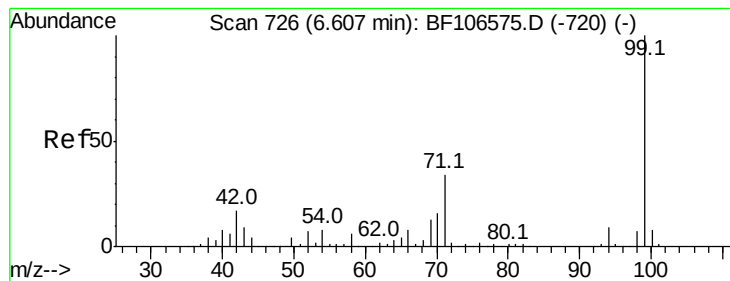
2-Fluorophenol
Concen: 45.131 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107158.D
Acq: 6 Jul 2018 7:46

Tgt Ion:112 Resp: 172087
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 29.1 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: 29.636 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

Instrument :

BNA_F

ClientSampled :

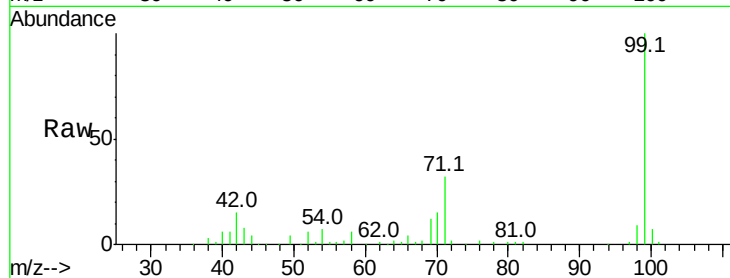
Tot Ion: 99 Resp: 141119

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	32.0	25.4	38.0

99 100

42 15.4 14.5 21.7

71 32.0 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

6.59

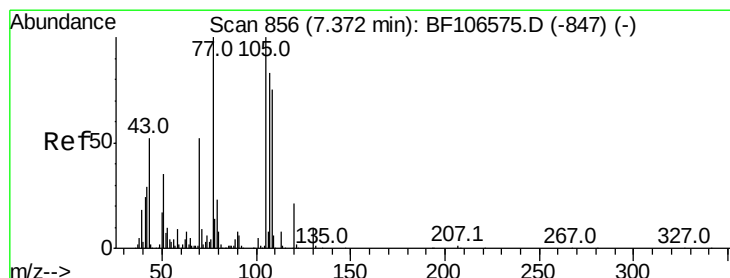
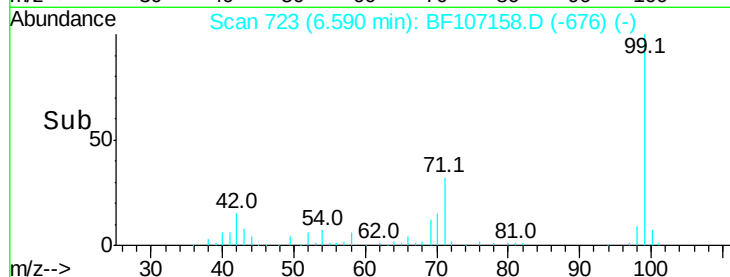
150000

100000

50000

0

Time--> 6.50 6.60 6.70



#19

n-Nitroso-di-n-propylamine

Concen: 15.326 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

Tgt Ion: 70 Resp: 48105

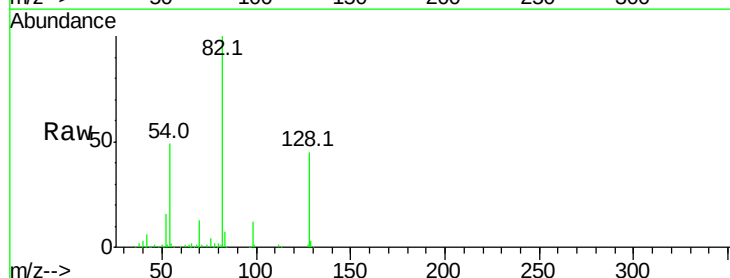
Ion	Ratio	Lower	Upper
70	100		
42	42.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

70 100

42 42.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 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

7.51

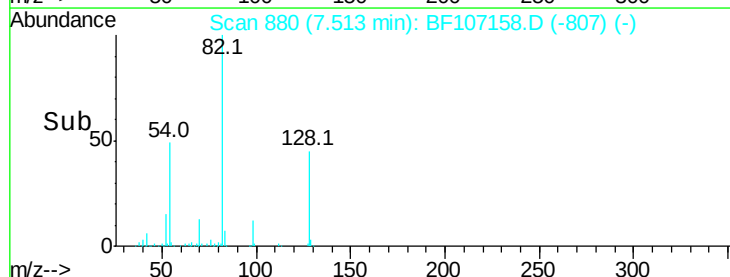
60000

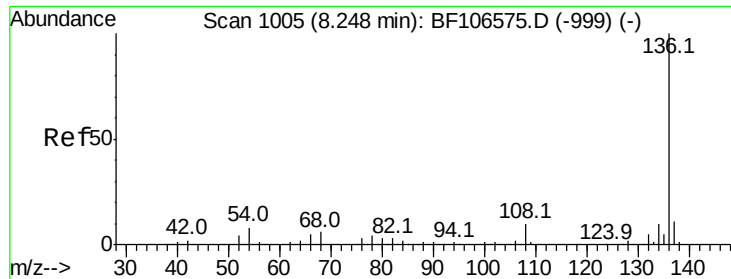
40000

20000

0

Time--> 7.45 7.50 7.55

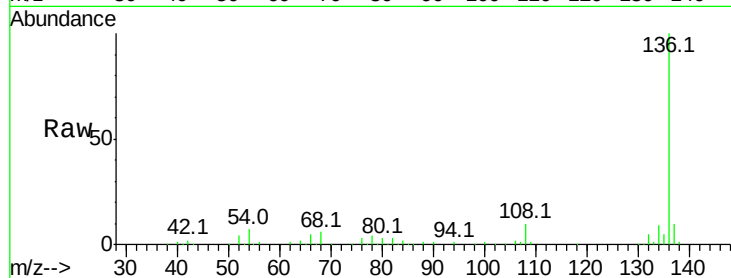




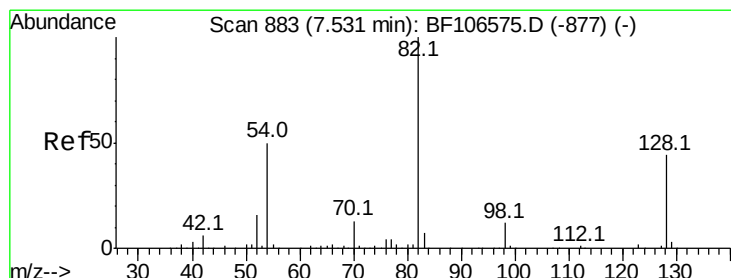
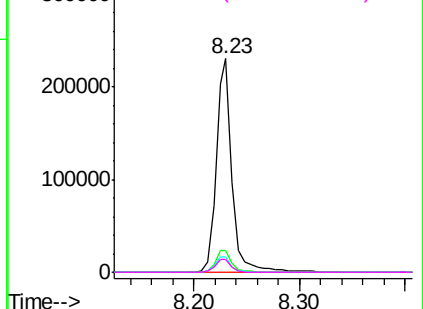
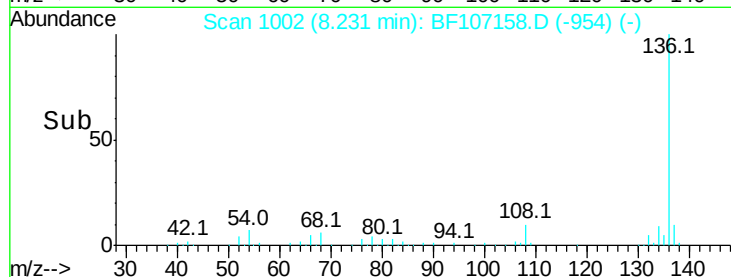
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107158.D
Acq: 6 Jul 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	241506
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.3	6.6	9.8
68	6.0	5.0	7.4

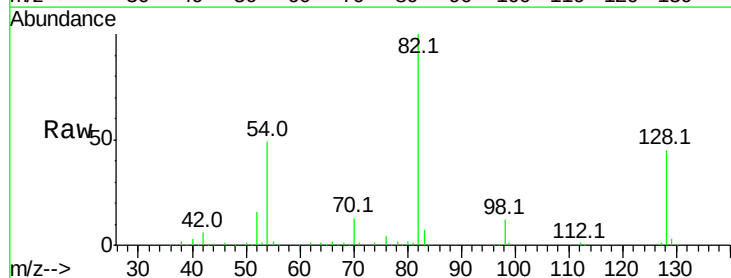


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

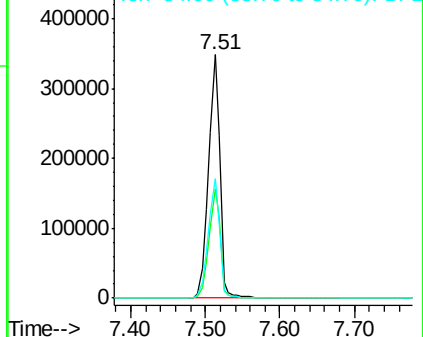
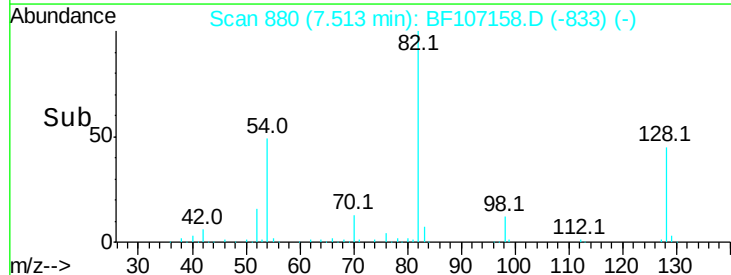


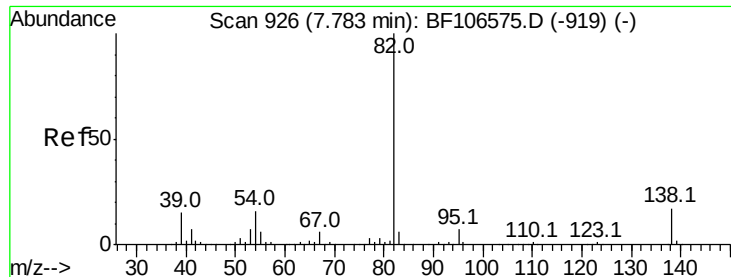
#23
Nitrobenzene-d5
Concen: 85.623 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107158.D
Acq: 6 Jul 2018 7:46

Tgt Ion:	82	Resp:	372094
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	48.9	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: 48.590 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

Instrument :

BNA_F

ClientSampled :

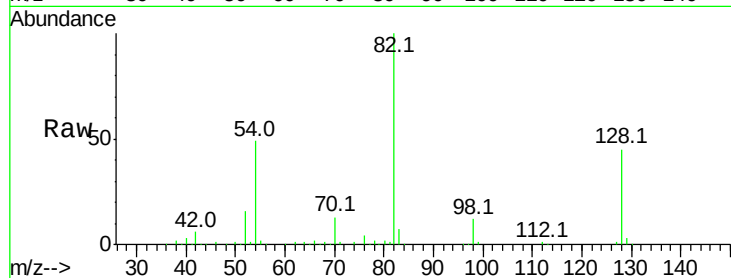
Tot Ion: 82 Resp: 372091

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

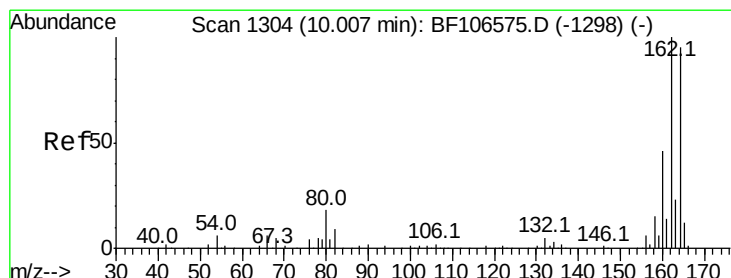
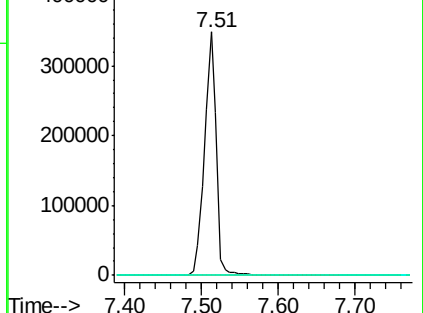
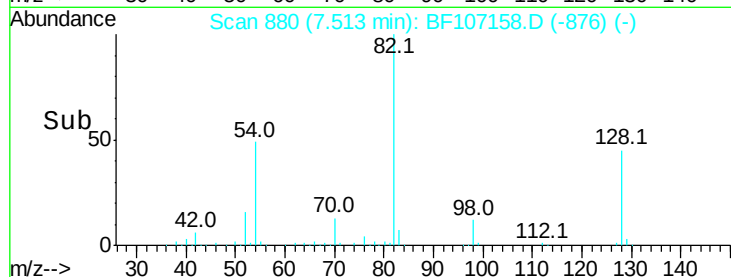
138 0.0 14.9 22.3#



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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

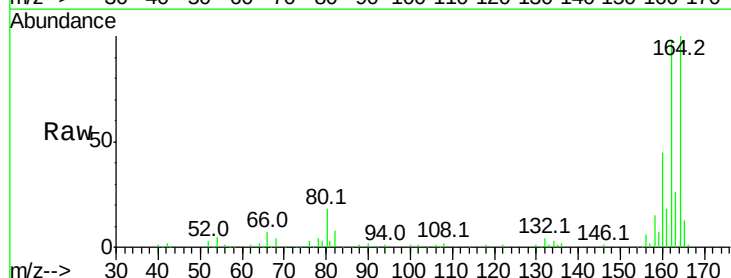
Tgt Ion: 164 Resp: 107879

Ion Ratio Lower Upper

164 100

162 97.6 86.1 129.1

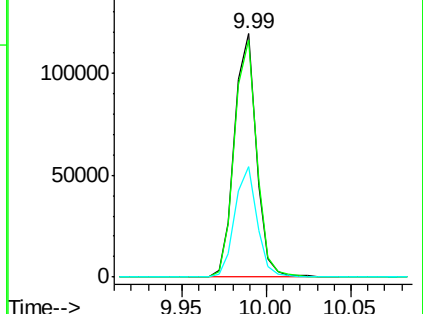
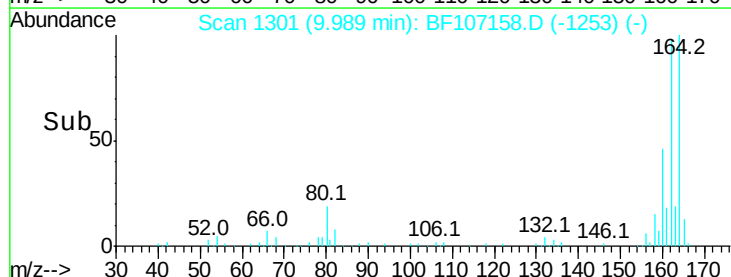
160 45.3 38.3 57.5

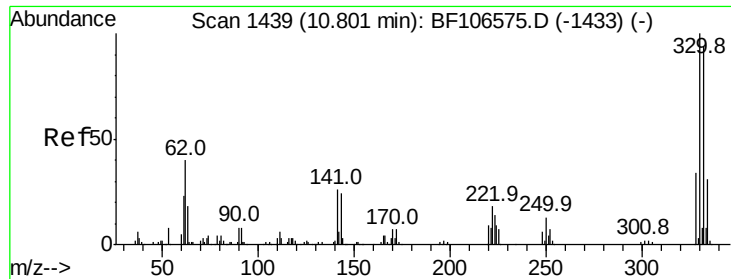


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 81.477 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

Instrument :

BNA_F

ClientSampleId :

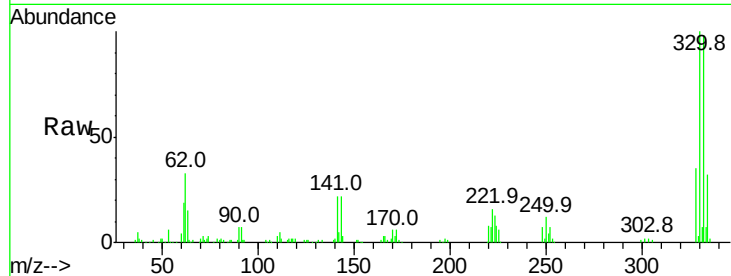
Tot Ion:330 Resp: 101875

Ion Ratio Lower Upper

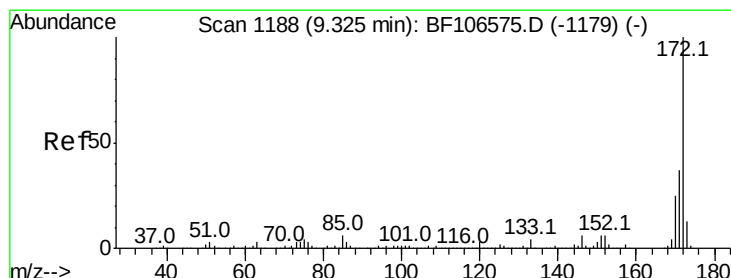
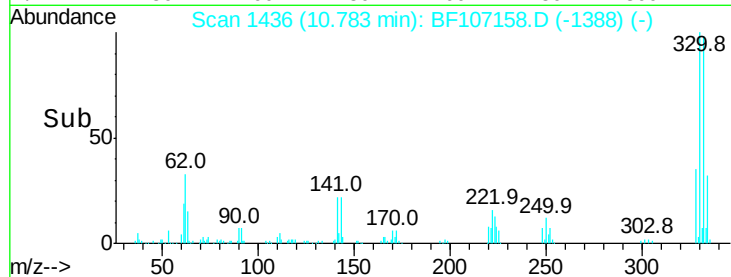
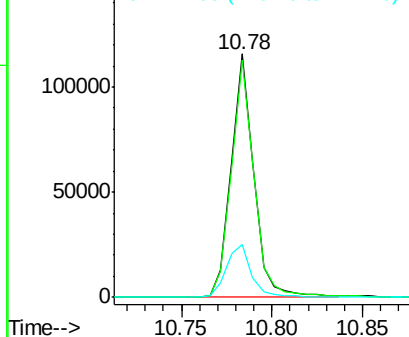
330 100

332 99.1 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: 103.320 ng

RT: 9.30 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

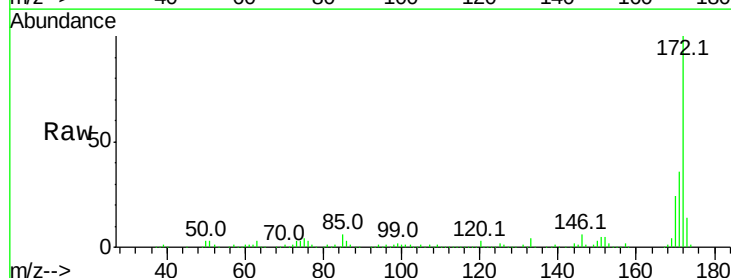
Tgt Ion:172 Resp: 638243

Ion Ratio Lower Upper

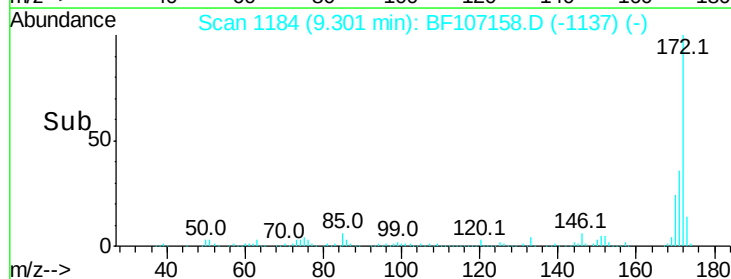
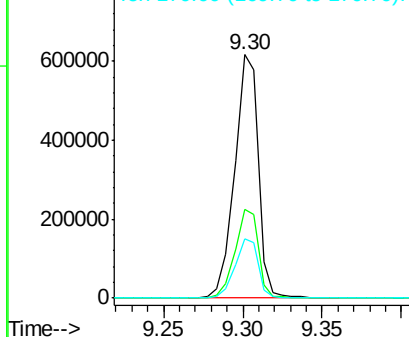
172 100

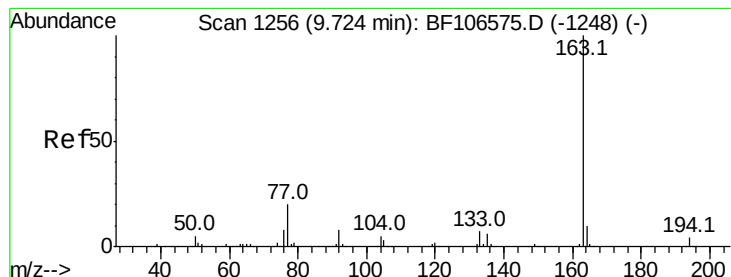
171 36.4 29.7 44.5

170 24.5 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: 4.811 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

Instrument :

BNA_F

ClientSampleId :

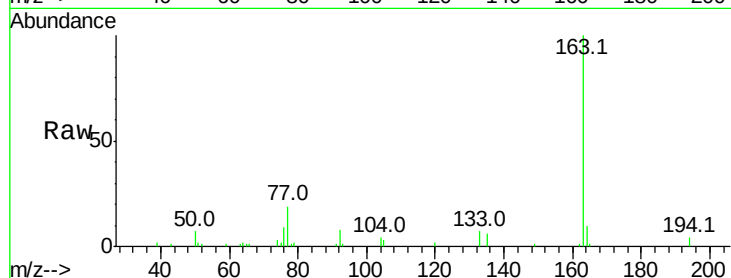
Tot Ion:163 Resp: 38925

Ion Ratio Lower Upper

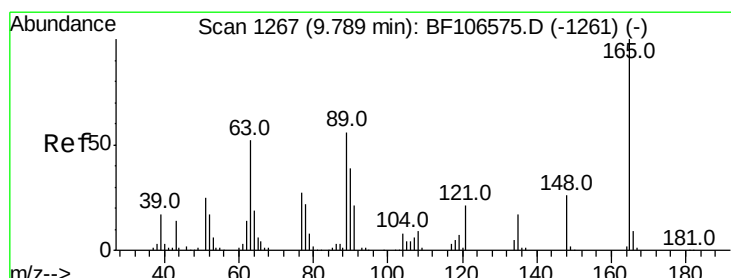
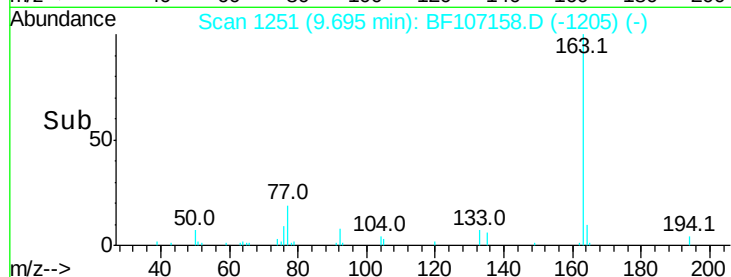
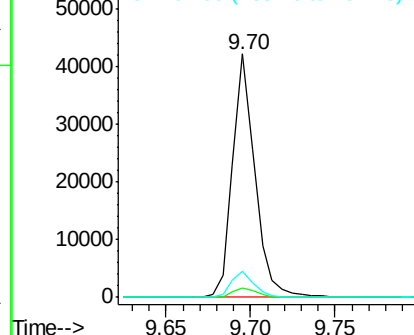
163 100

194 4.1 2.7 4.1#

164 10.4 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: 8.245 ng

RT: 9.99 min Scan# 1301

Delta R.T. 0.19 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

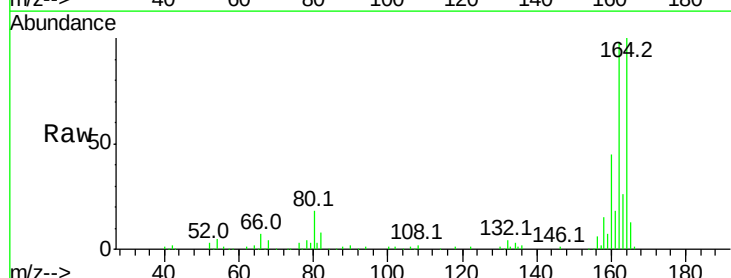
Tgt Ion:165 Resp: 14127

Ion Ratio Lower Upper

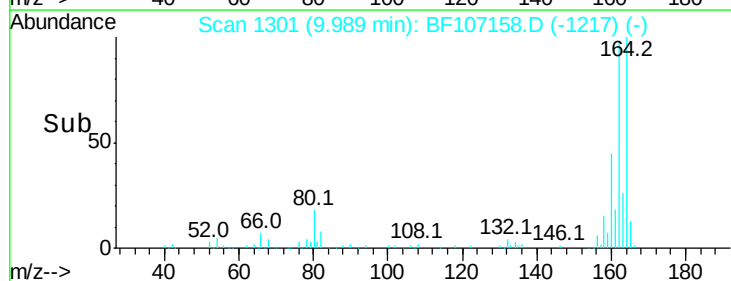
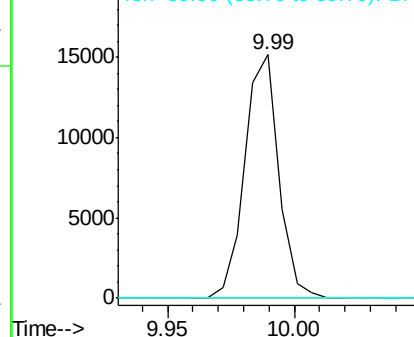
165 100

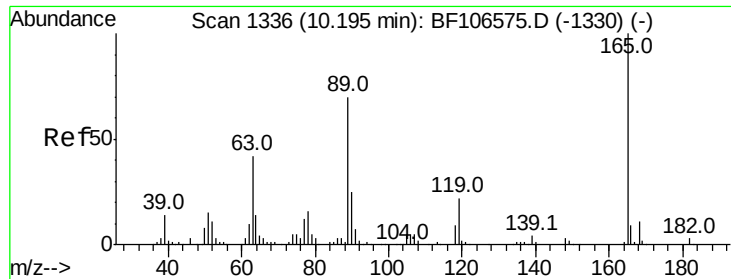
63 0.0 44.7 67.1#

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

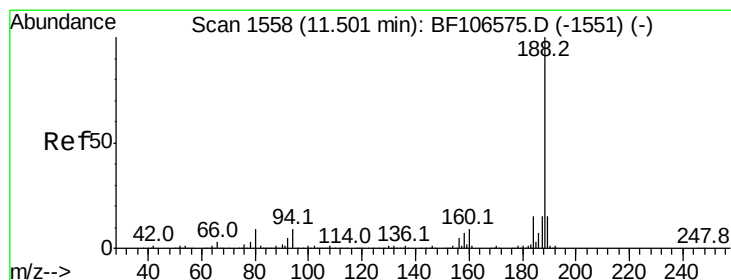
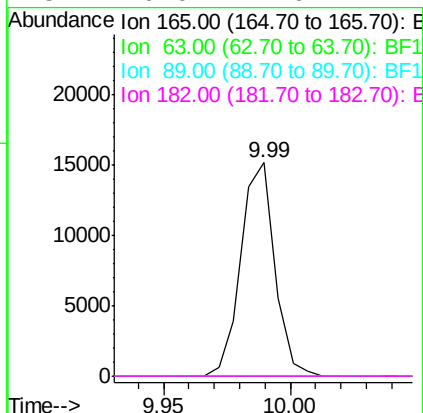
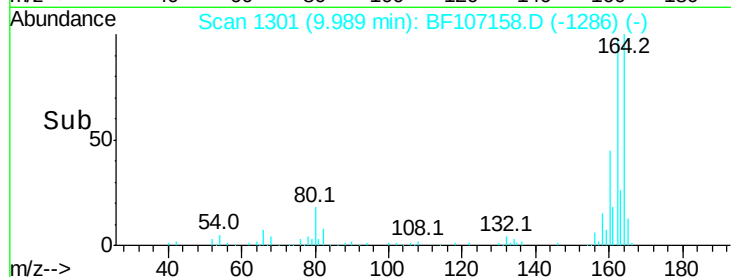
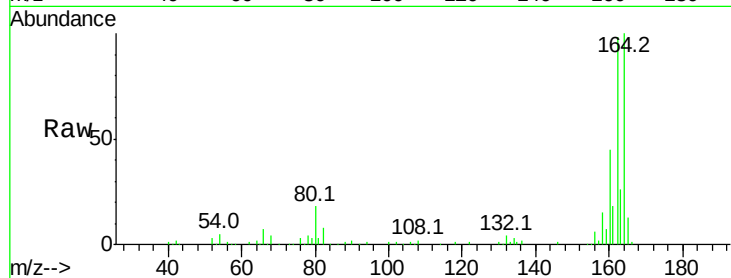




#56
 2,4-Dinitrotoluene
 Concen: 6.317 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107158.D
 Acq: 6 Jul 2018 7:46

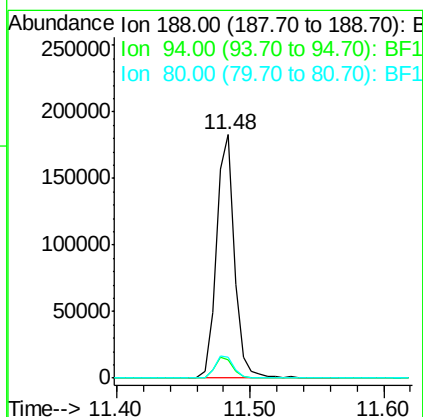
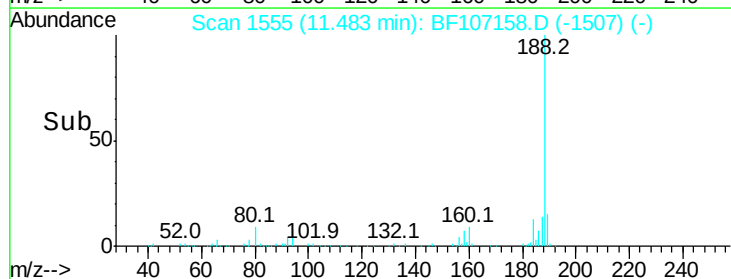
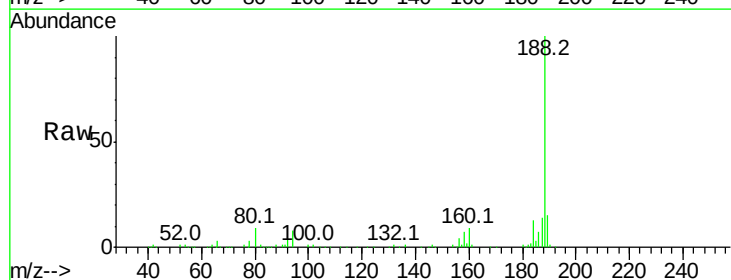
Instrument :
 BNA_F
 ClientSampleId :

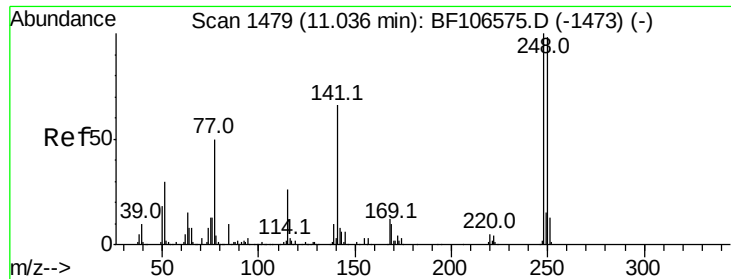
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107158.D
 Acq: 6 Jul 2018 7:46

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

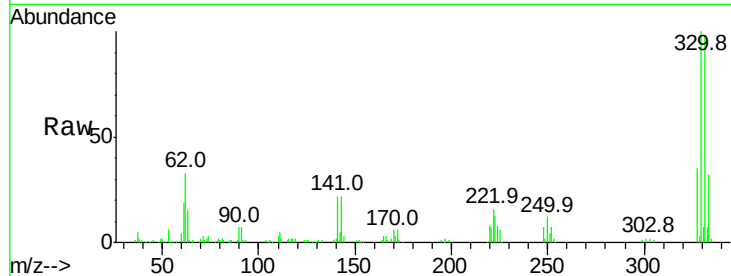




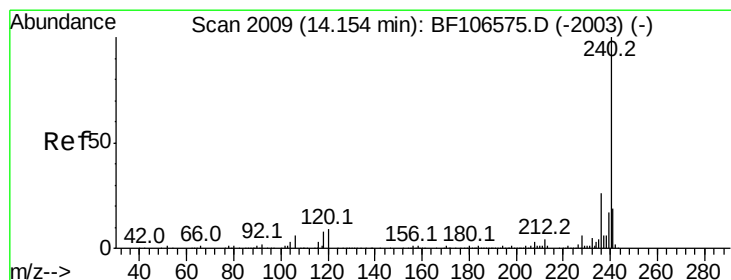
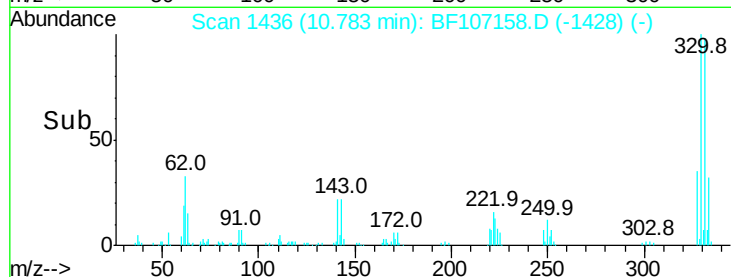
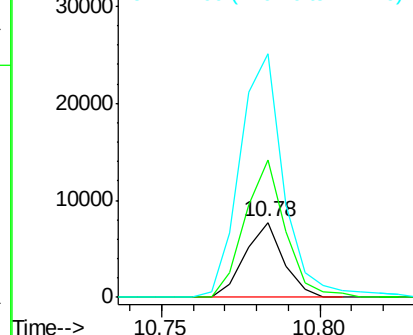
#66
4-Bromophenyl-phenylether
Concen: 3.100 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107158.D
Acq: 6 Jul 2018 7:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6463
Ion Ratio Lower Upper
248 100
250 184.1 76.9 115.3#
141 326.1 74.4 111.6#

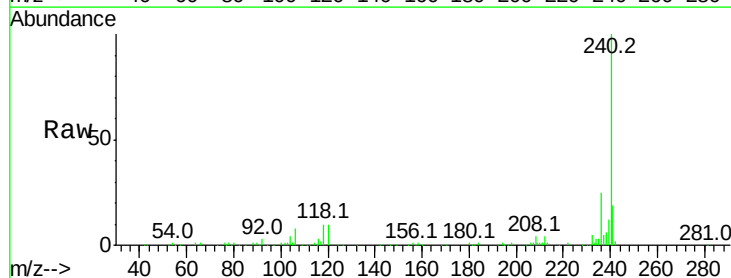


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

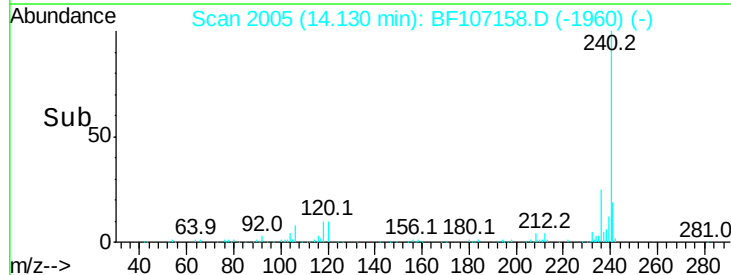
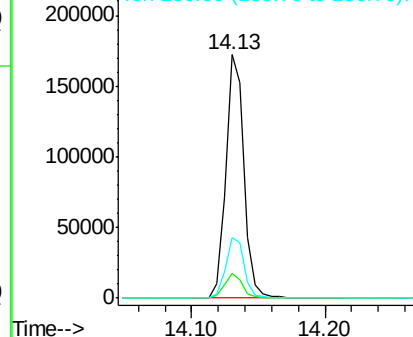


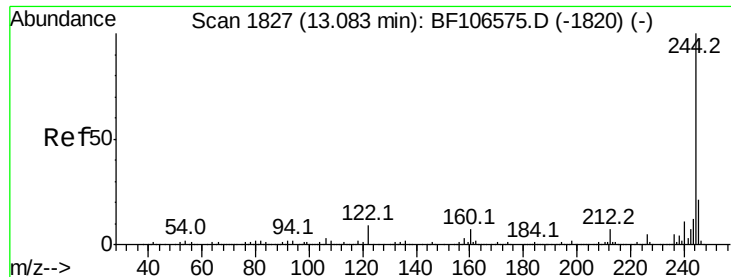
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107158.D
Acq: 6 Jul 2018 7:46

Tgt Ion:240 Resp: 165003
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 24.9 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

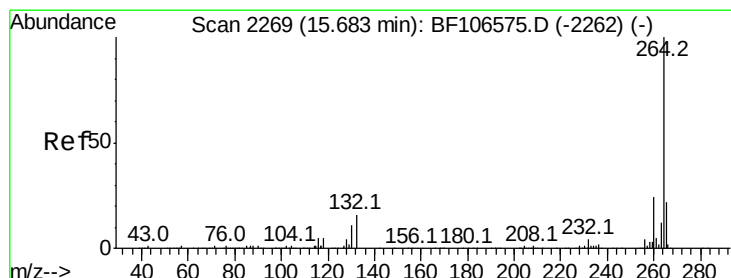
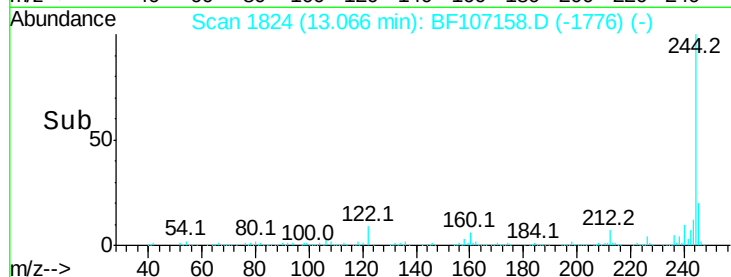
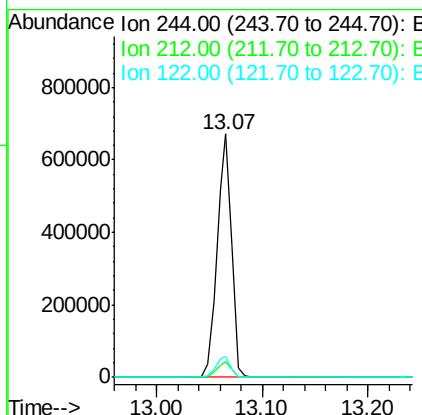
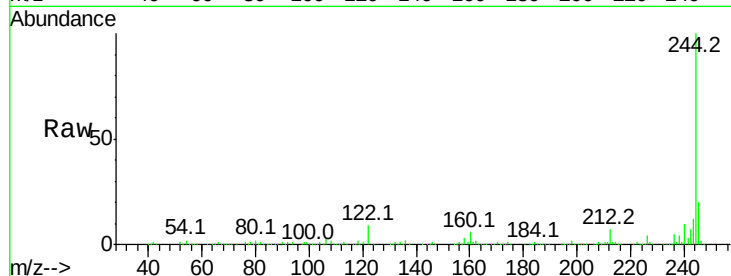




#78
 Terphenyl-d14
 Concen: 94.926 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107158.D
 Acq: 6 Jul 2018 7:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 646621
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2265
 Delta R.T. -0.06 min
 Lab File: BF107158.D
 Acq: 6 Jul 2018 7:46

Tgt Ion:264 Resp: 112662
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.2 17.5 26.3

