

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107066.D
 Acq On : 3 Jul 2018 2:30
 Operator : JU/SJ
 Sample : J3800-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 03:38:33 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

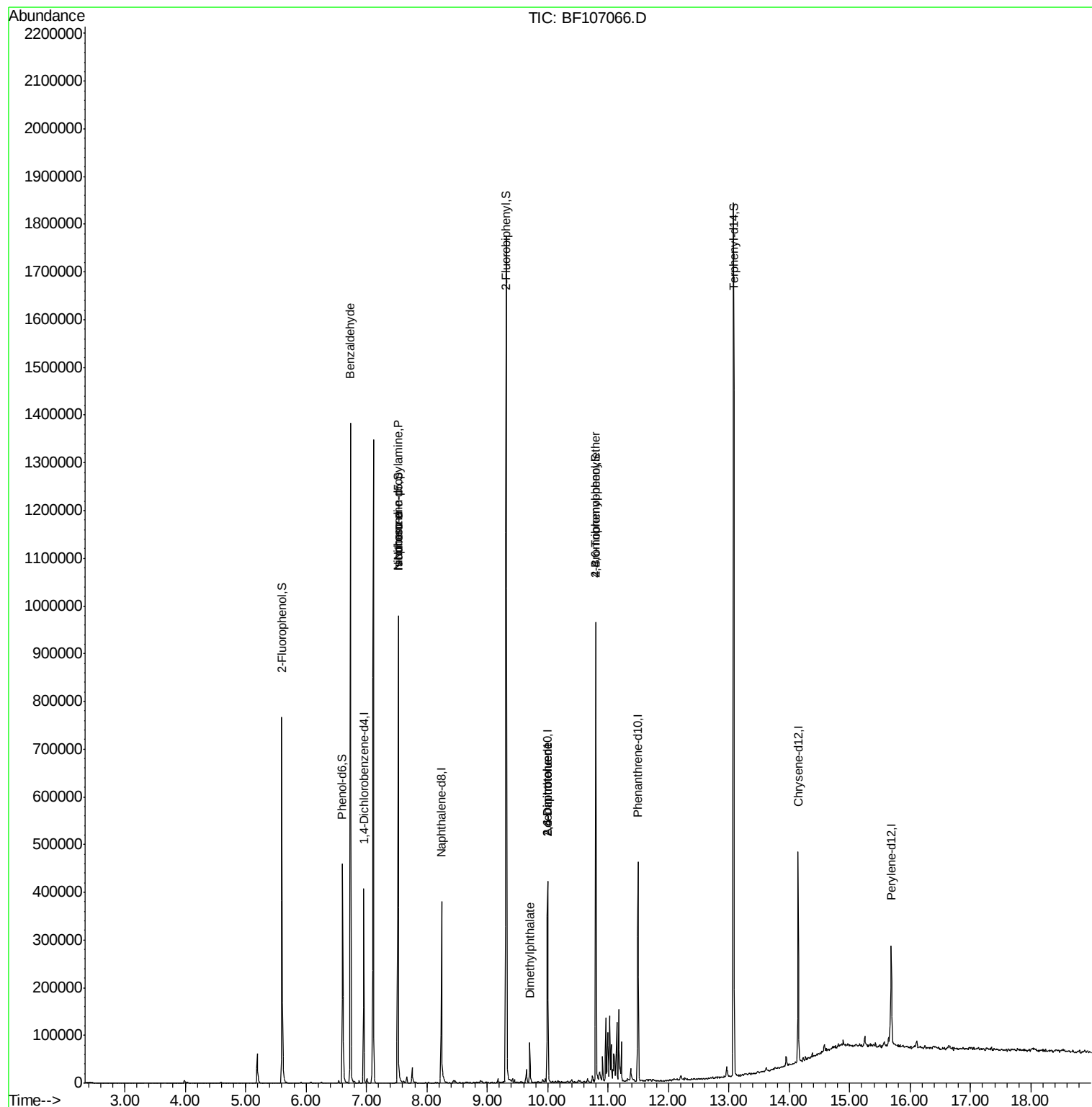
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	58804	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	204318	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	89672	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	170382	20.00	ng	0.00
75) Chrysene-d12	14.15	240	155176	20.00	ng	-0.02
86) Perylene-d12	15.69	264	112892	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	221328	63.73	ng	0.00
7) Phenol-d6	6.60	99	164494	37.93	ng	-0.01
23) Nitrobenzene-d5	7.52	82	328418	89.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	146460	140.92	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	588115	116.47	ng	-0.01
78) Terphenyl-d14	13.08	244	716854	111.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	7683	2.112	ng	88
19) n-Nitroso-di-n-propylamine	7.52	70	43070	15.067	ng	# 74
25) Isophorone	7.52	82	328411	50.692	ng	# 64
49) Dimethylphthalate	9.71	163	40451	6.015	ng	97
50) 2,6-Dinitrotoluene	10.00	165	11414	8.015	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	11414	6.140	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	8668	4.263	ng	# 1

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

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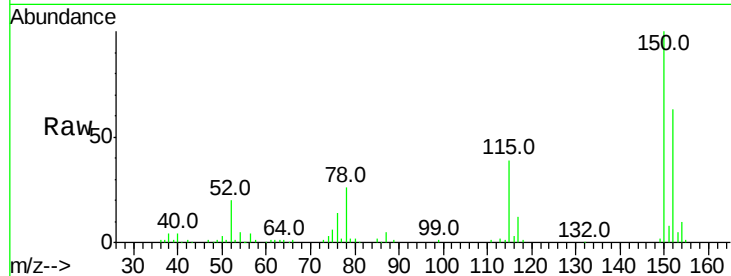


#1

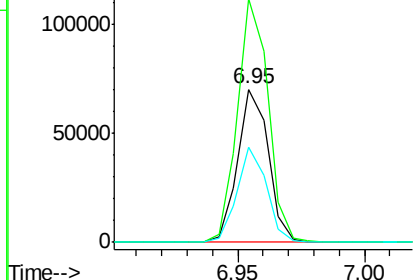
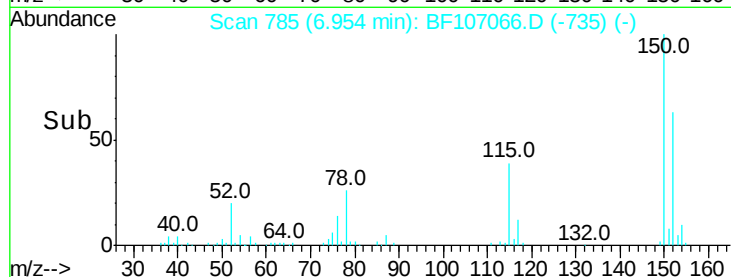
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107066.D
Acq: 3 Jul 2018 2:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58804
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 62.3 50.1 75.1



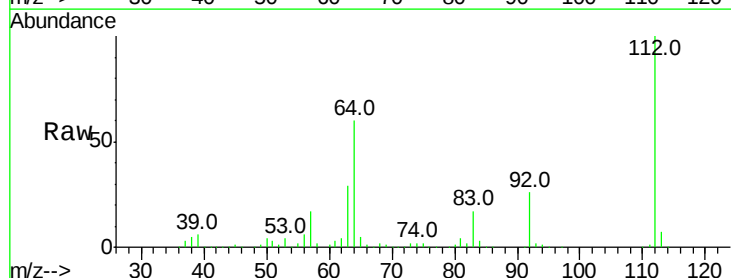
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



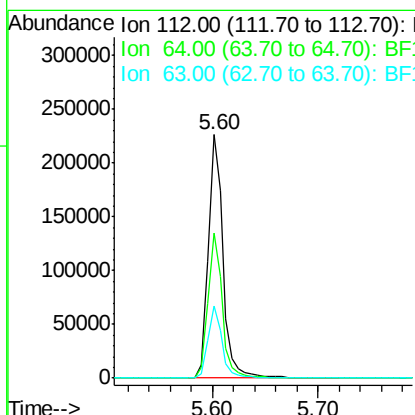
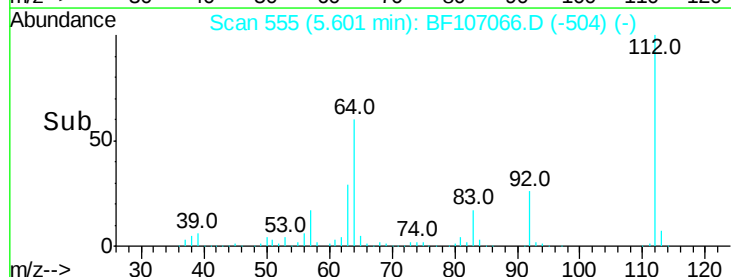
#5

2-Fluorophenol
Concen: 63.734 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107066.D
Acq: 3 Jul 2018 2:30

Tgt Ion:112 Resp: 221328
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 29.4 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: 37.930 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107066.D

Acq: 3 Jul 2018 2:30

Instrument :

BNA_F

ClientSampleId :

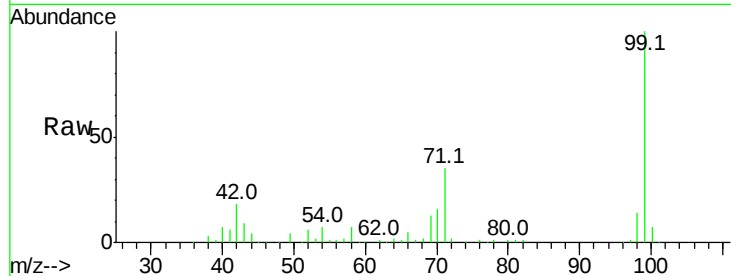
Tot Ion: 99 Resp: 164494

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

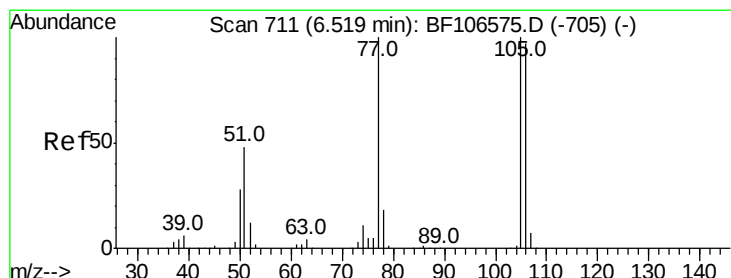
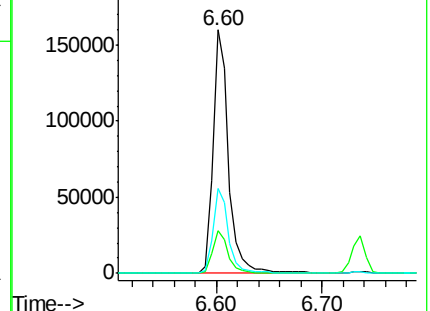
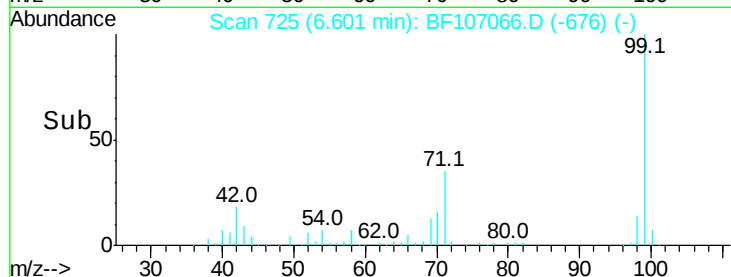
71 35.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.112 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF107066.D

Acq: 3 Jul 2018 2:30

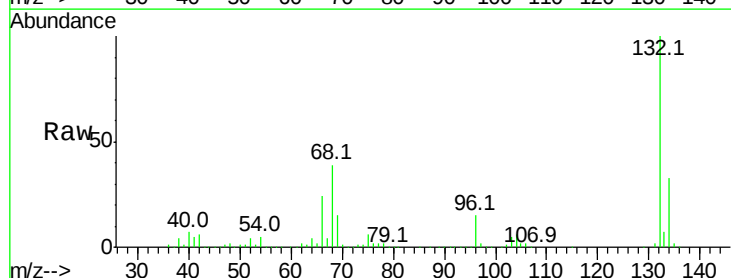
Tgt Ion: 77 Resp: 7683

Ion Ratio Lower Upper

77 100

105 91.5 81.1 121.1

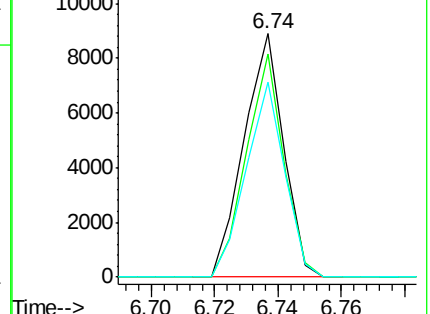
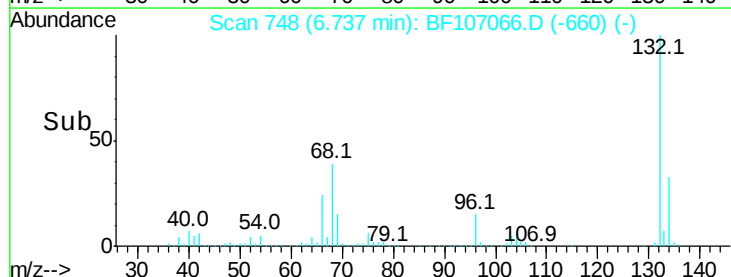
106 80.3 74.5 114.5

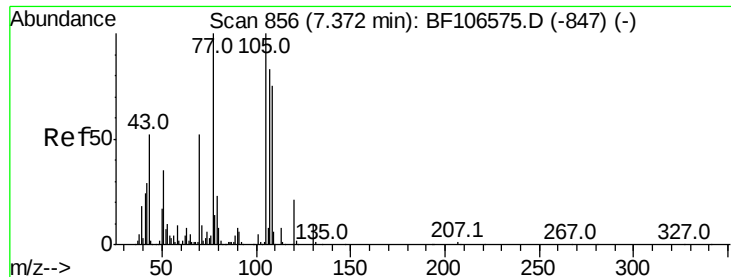


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.067 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107066.D

Acq: 3 Jul 2018 2:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 43070

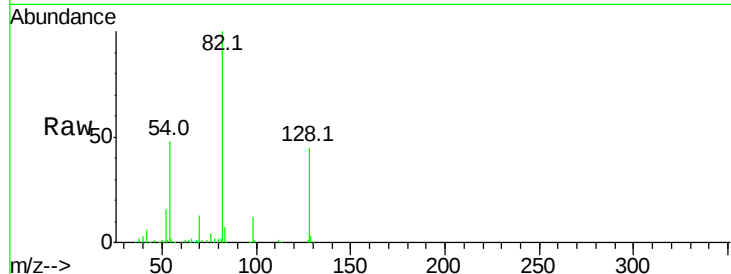
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

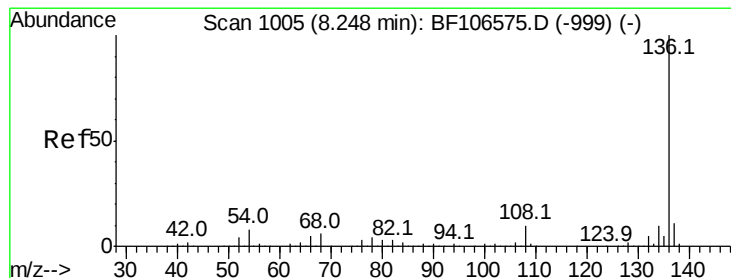
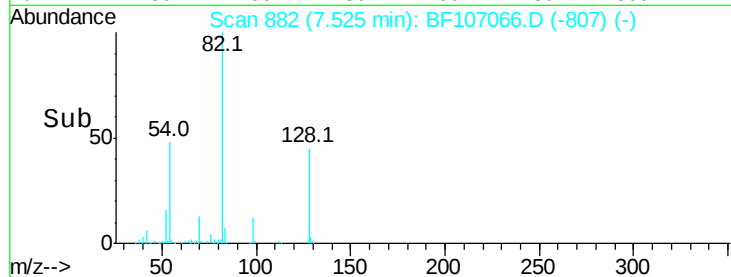
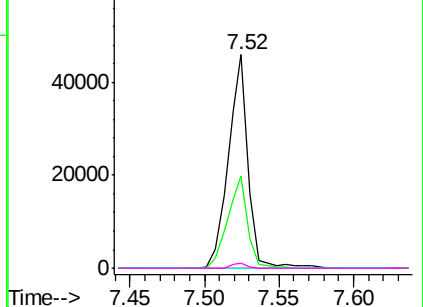


Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1004

Delta R.T. -0.01 min

Lab File: BF107066.D

Acq: 3 Jul 2018 2:30

Tgt Ion: 136 Resp: 204318

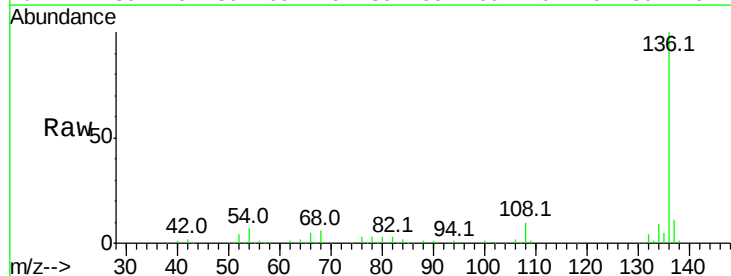
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4

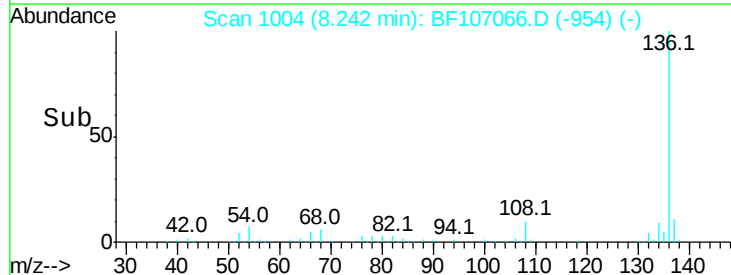
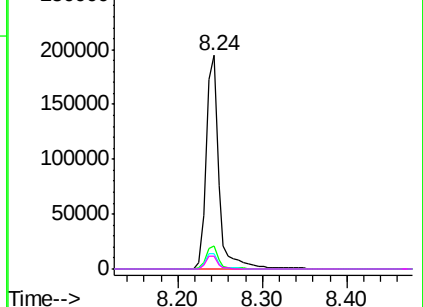


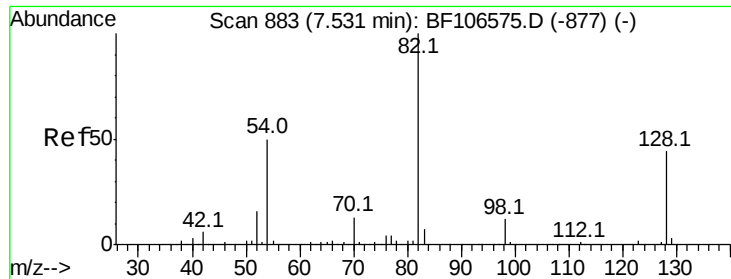
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

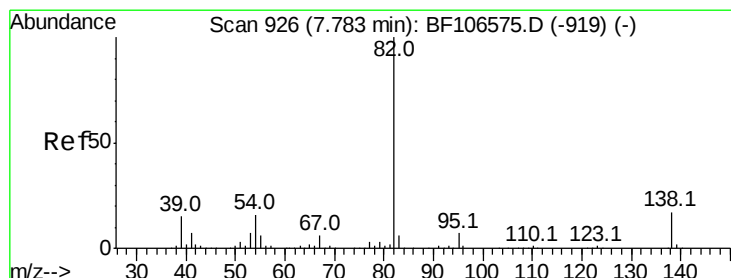
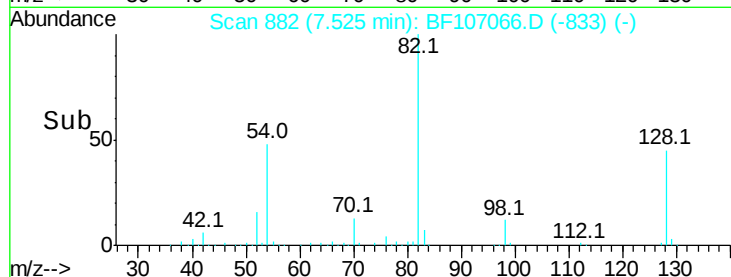
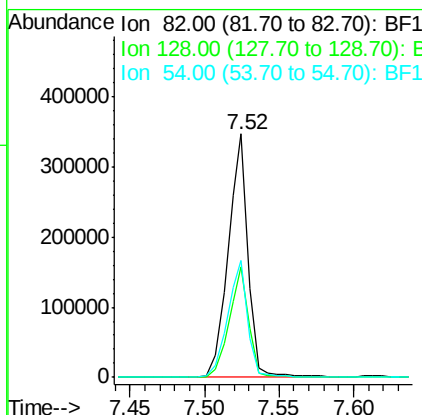
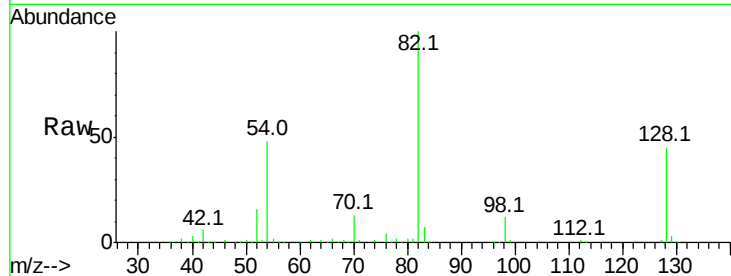




#23
 Nitrobenzene-d5
 Concen: 89.328 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107066.D
 Acq: 3 Jul 2018 2:30

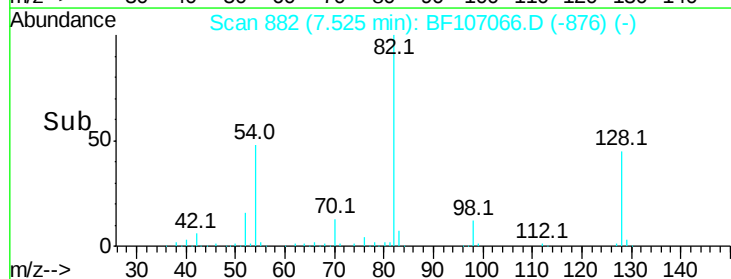
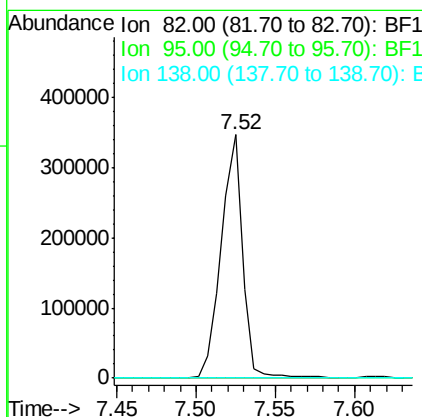
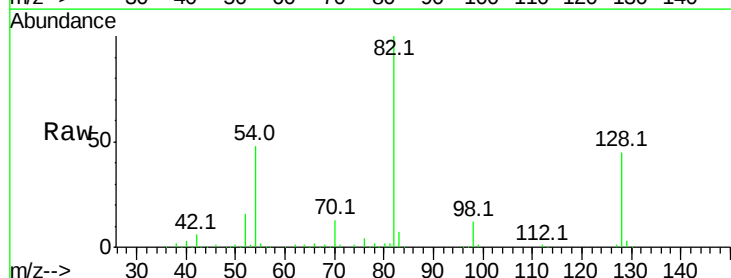
Instrument :
 BNA_F
 ClientSampled :

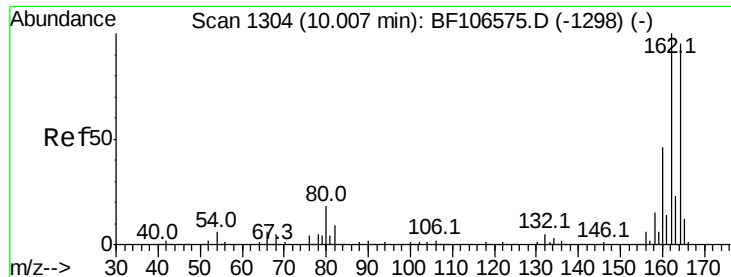
Tot Ion	82	Resp	328418
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	47.8	41.4	62.2



#25
 Isophorone
 Concen: 50.692 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF107066.D
 Acq: 3 Jul 2018 2:30

Tgt Ion	82	Resp	328411
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

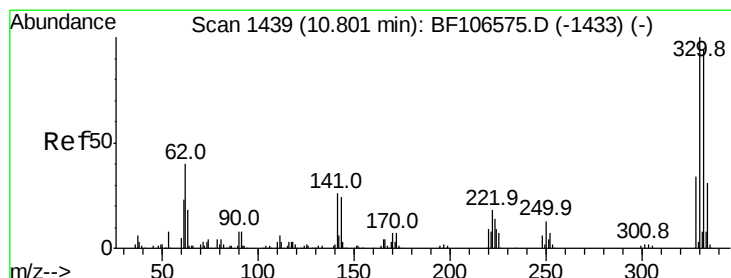
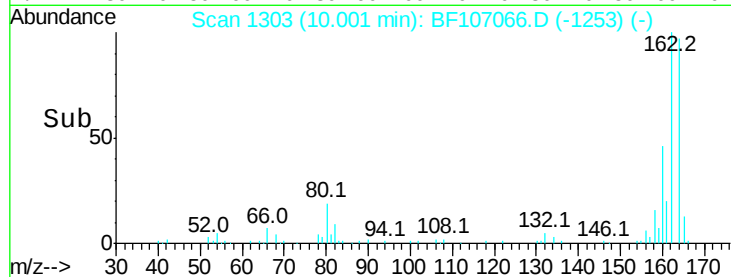
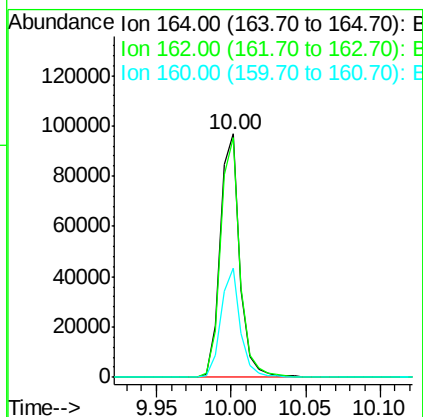
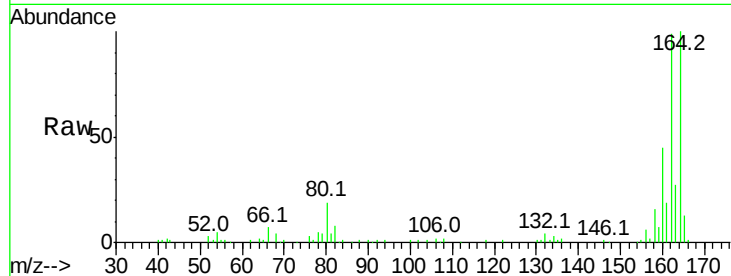




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107066.D
Acq: 3 Jul 2018 2:30

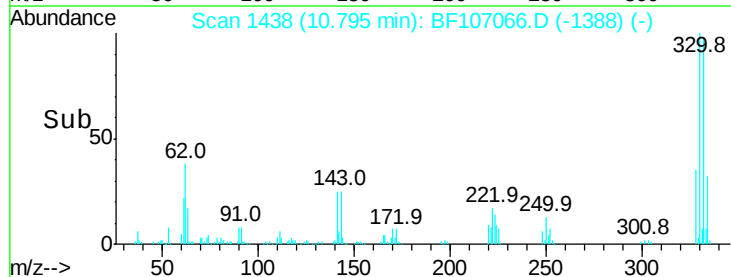
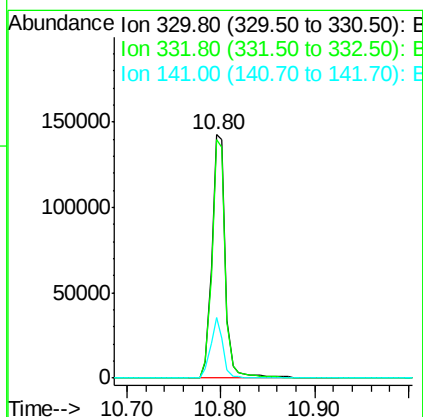
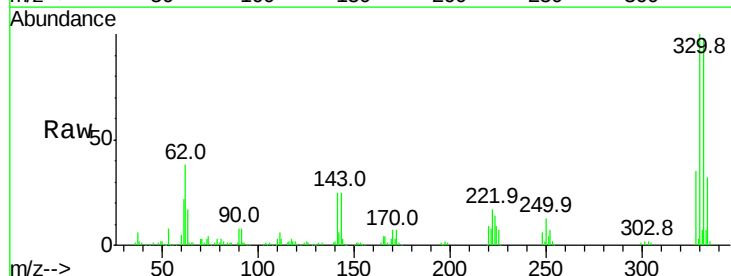
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 89672
Ion Ratio Lower Upper
164 100
162 98.5 86.1 129.1
160 45.0 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 140.919 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107066.D
Acq: 3 Jul 2018 2:30

Tgt Ion:330 Resp: 146460
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 22.8 29.9 44.9#

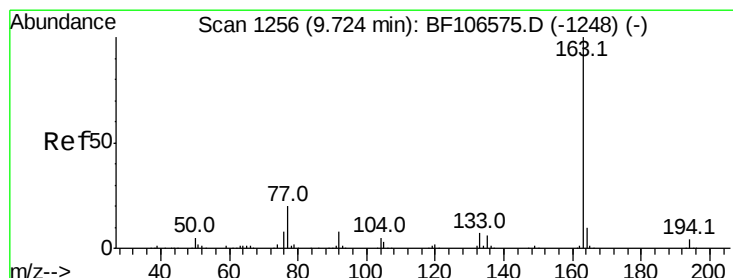
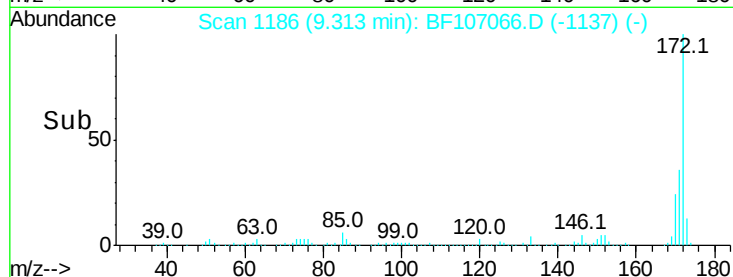
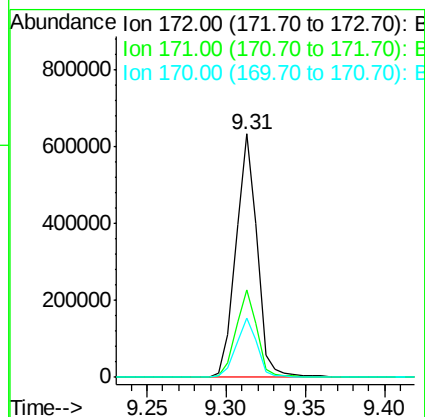
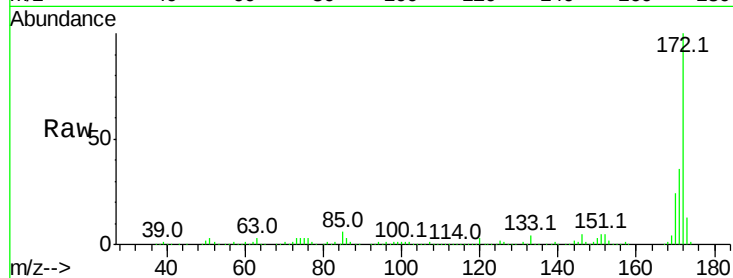




#44
 2-Fluorobiphenyl
 Concen: 116.473 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107066.D
 Acq: 3 Jul 2018 2:30

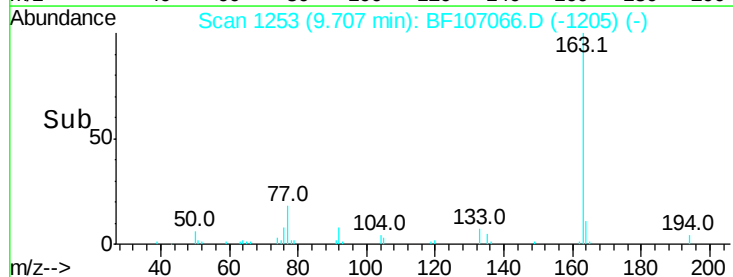
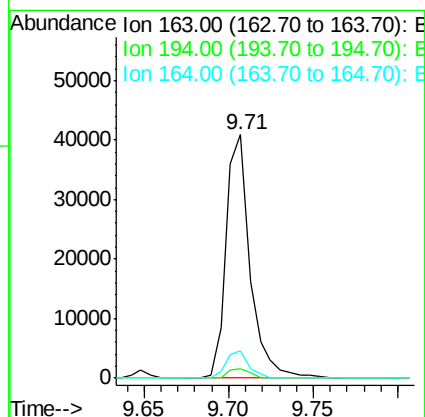
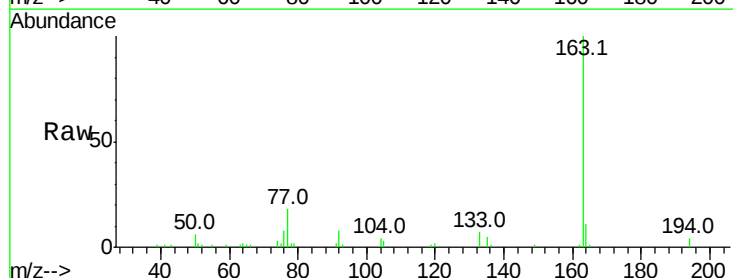
Instrument :
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 ClientSampleId :

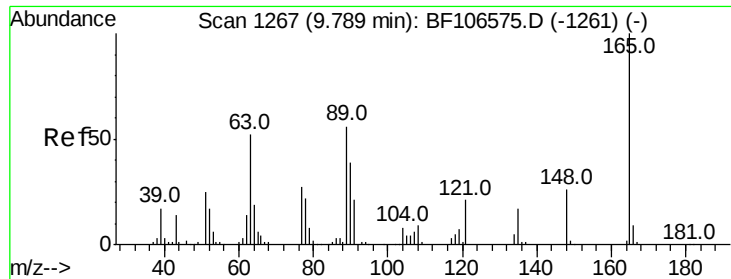
Tot Ion:172 Resp: 588115
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.3 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.015 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF107066.D
 Acq: 3 Jul 2018 2:30

Tgt Ion:163 Resp: 40451
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 11.3 8.2 12.2

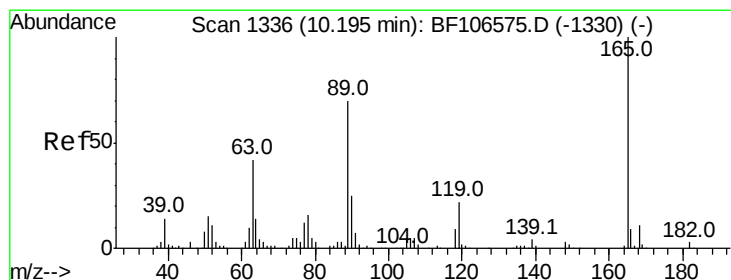
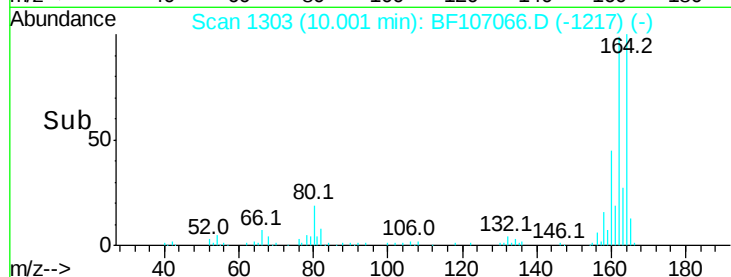
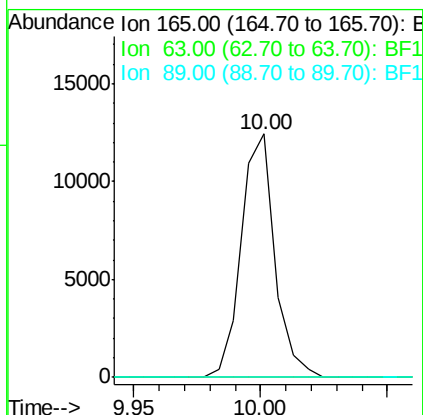
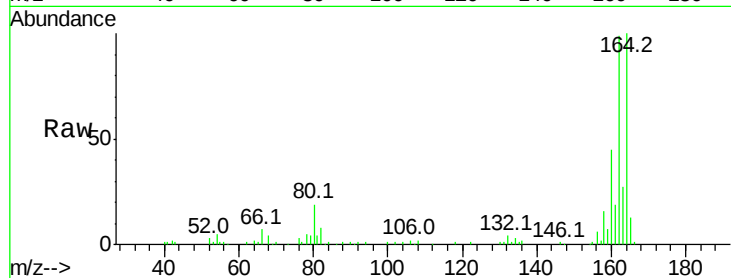




#50
 2,6-Dinitrotoluene
 Concen: 8.015 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF107066.D
 Acq: 3 Jul 2018 2:30

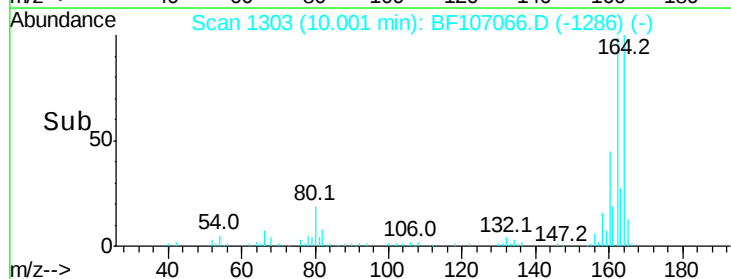
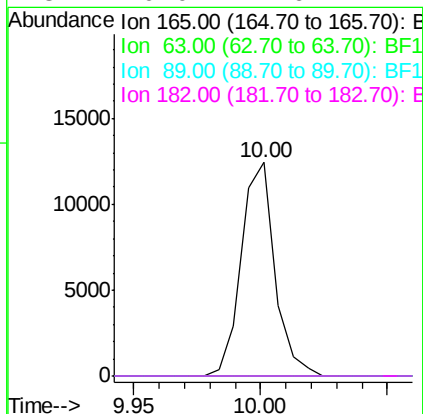
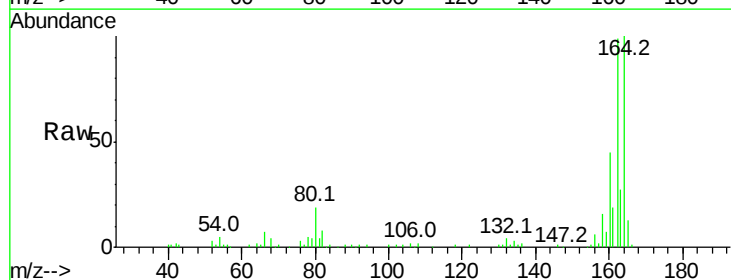
Instrument :
 BNA_F
 ClientSampleId :

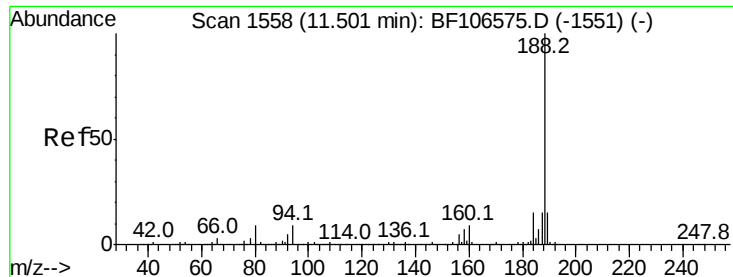
Tot Ion:165 Resp: 11414
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.140 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF107066.D
 Acq: 3 Jul 2018 2:30

Tgt Ion:165 Resp: 11414
 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#

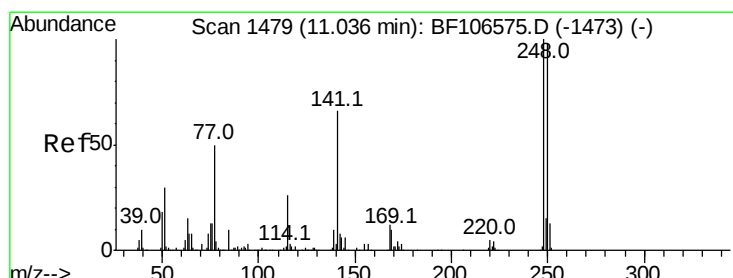
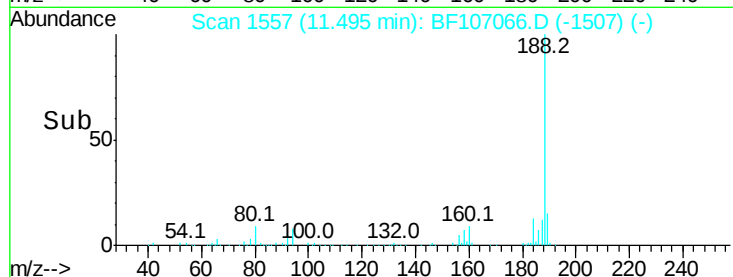
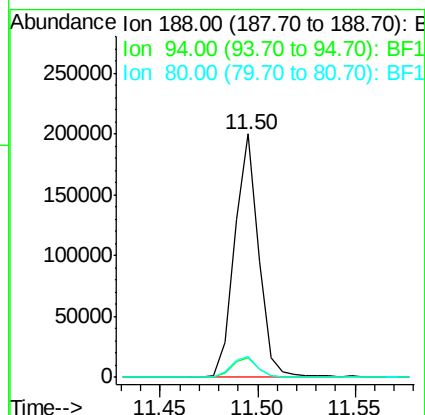
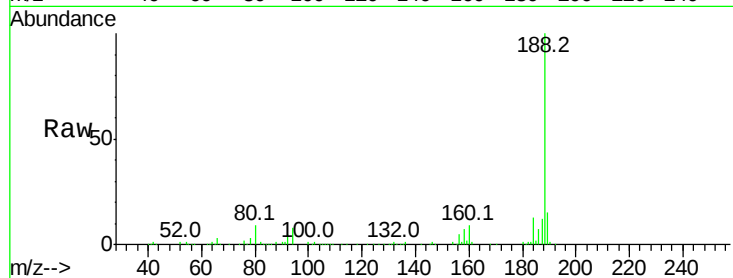




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107066.D
Acq: 3 Jul 2018 2:30

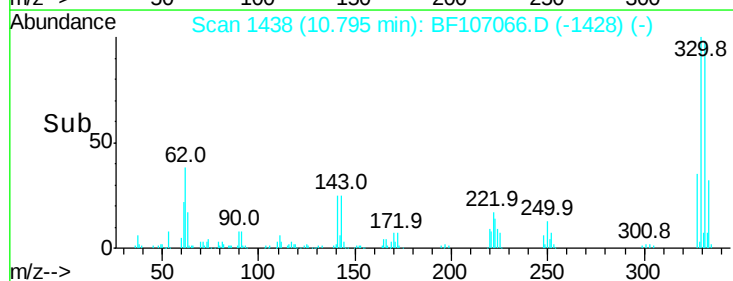
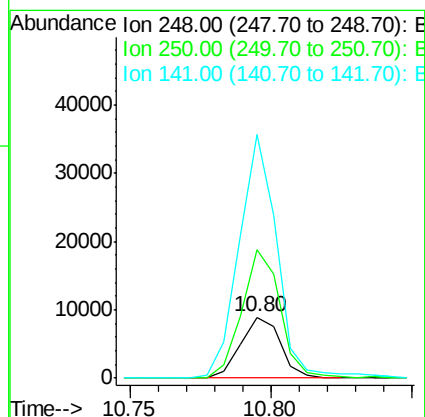
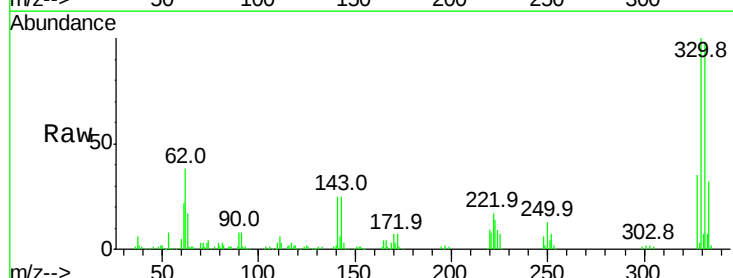
Instrument :
BNA_F
ClientSampled :

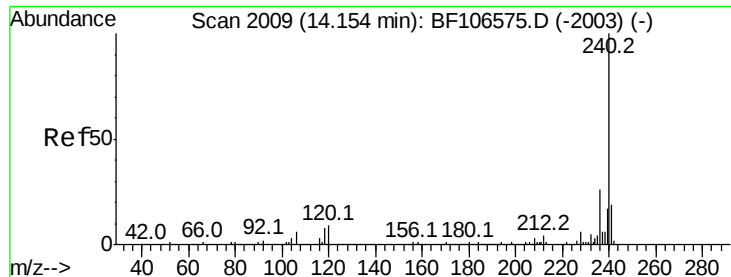
Tot Ion:188 Resp: 170382
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.8 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 4.263 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107066.D
Acq: 3 Jul 2018 2:30

Tgt Ion:248 Resp: 8668
Ion Ratio Lower Upper
248 100
250 209.3 76.9 115.3#
141 397.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107066.D

Acq: 3 Jul 2018 2:30

Instrument :

BNA_F

ClientSampleId :

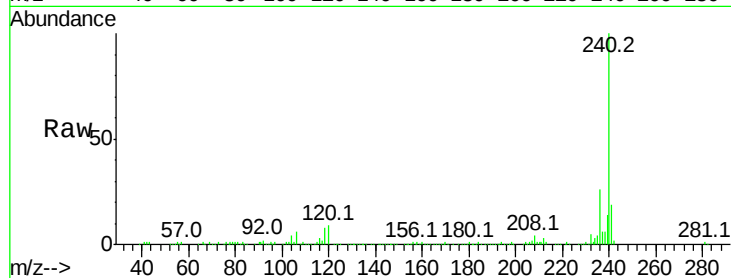
Tot Ion:240 Resp: 155176

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

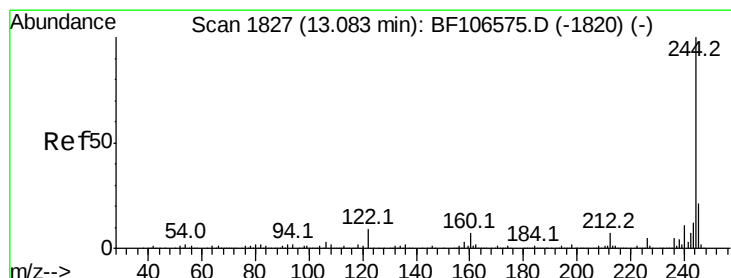
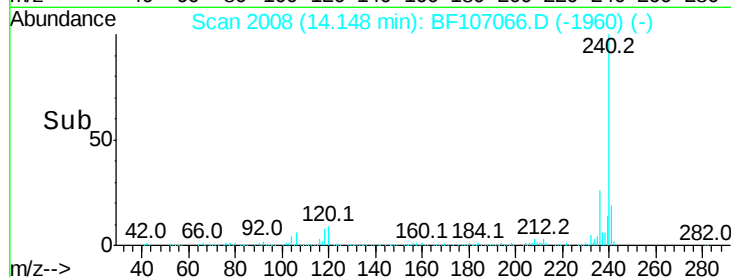
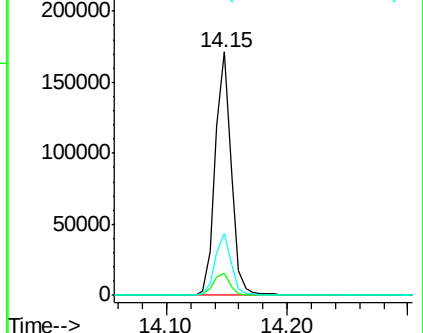
236 25.6 20.7 31.1



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: 111.901 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107066.D

Acq: 3 Jul 2018 2:30

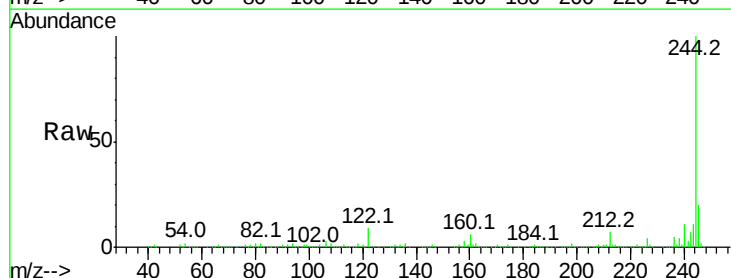
Tgt Ion:244 Resp: 716854

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

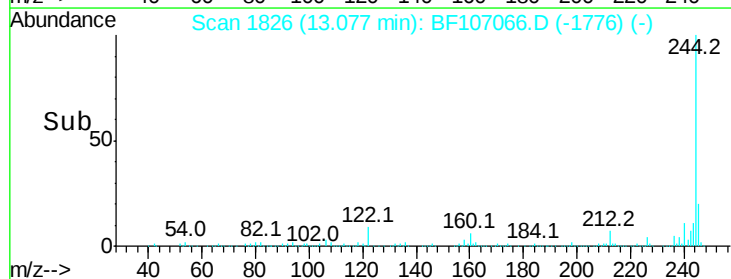
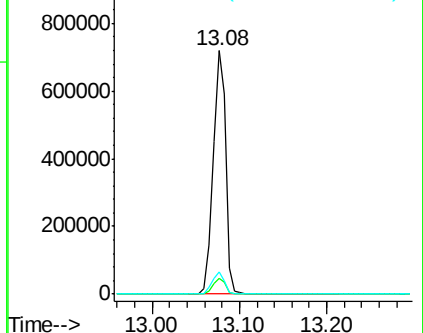
122 9.1 11.0 16.4#

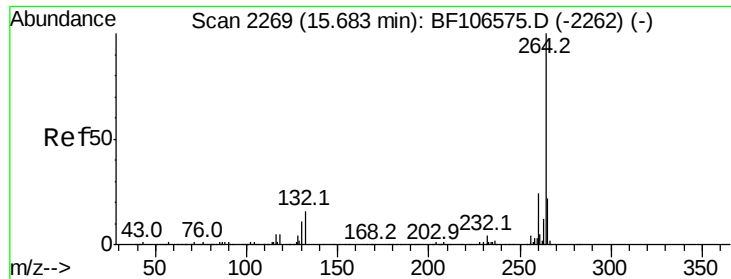


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

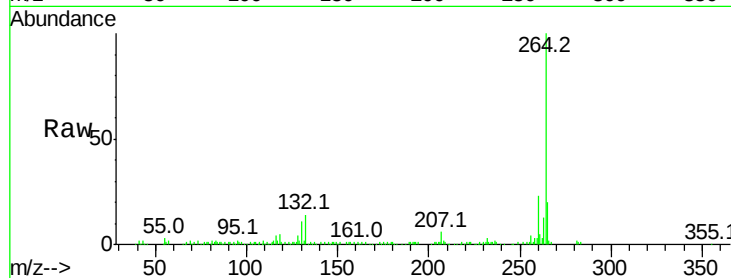




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107066.D
Acq: 3 Jul 2018 2:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.4	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

