

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106795.D
 Acq On : 26 Jun 2018 1:52
 Operator : JU/SJ
 Sample : J3706-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 05:22:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

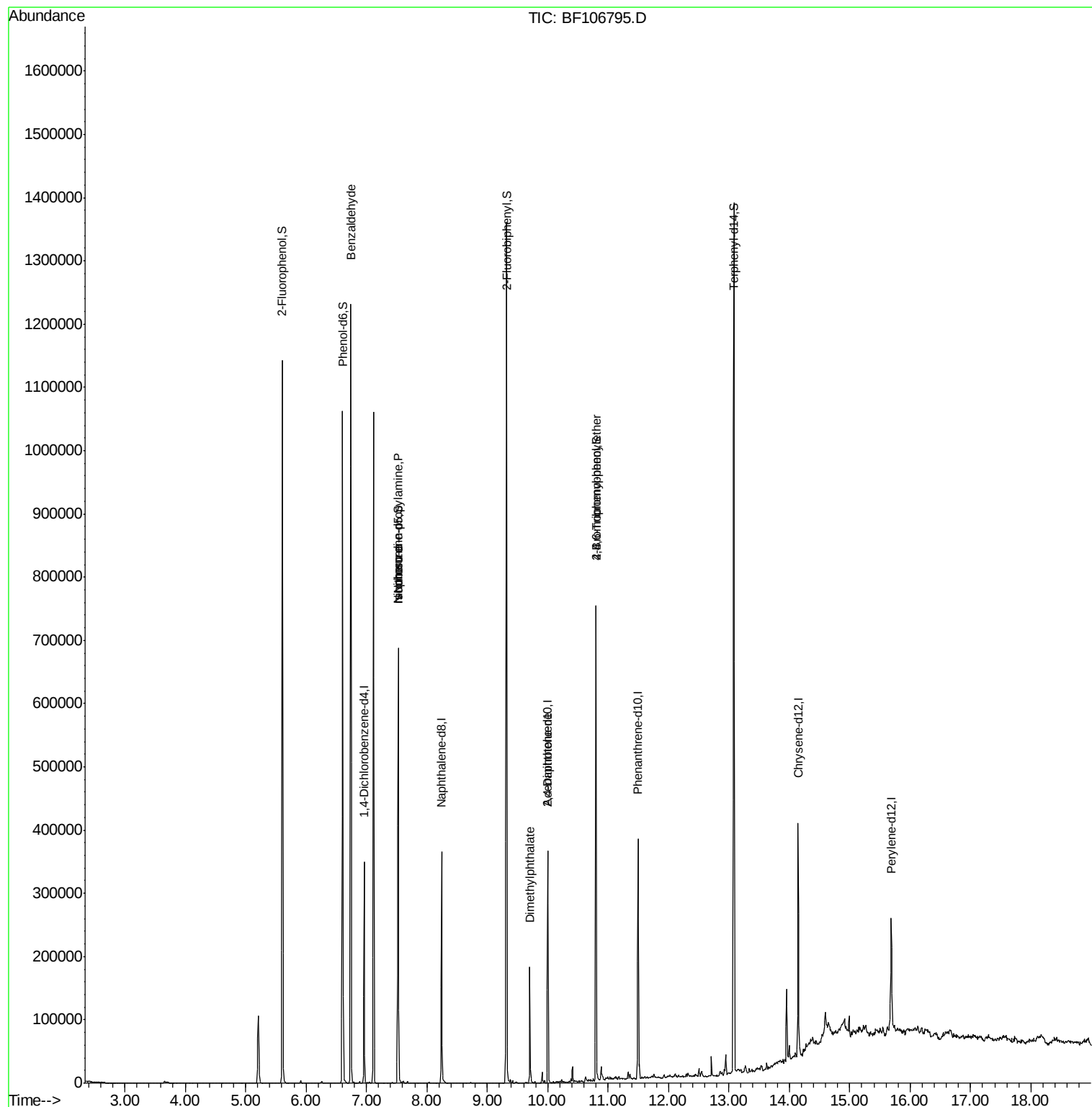
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	49205	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	173706	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	74681	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	140742	20.00	ng	0.00
75) Chrysene-d12	14.15	240	122610	20.00	ng	-0.02
86) Perylene-d12	15.69	264	88135	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	356637	122.73	ng	0.00
7) Phenol-d6	6.61	99	445067	122.65	ng	0.00
23) Nitrobenzene-d5	7.53	82	265489	84.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	118049	136.38	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	452292	106.19	ng	0.00
78) Terphenyl-d14	13.08	244	508952	100.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	7725	2.525	ng	84
19) n-Nitroso-di-n-propylamine	7.53	70	34445	14.400	ng	# 71
25) Isophorone	7.53	82	265484	48.200	ng	# 64
49) Dimethylphthalate	9.71	163	71106	12.695	ng	98
56) 2,4-Dinitrotoluene	10.00	165	9554	6.171	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	7201	4.287	ng	# 1

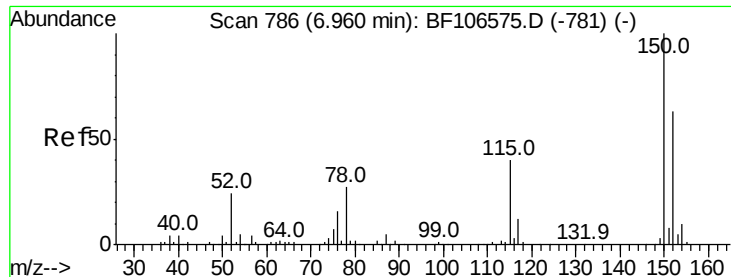
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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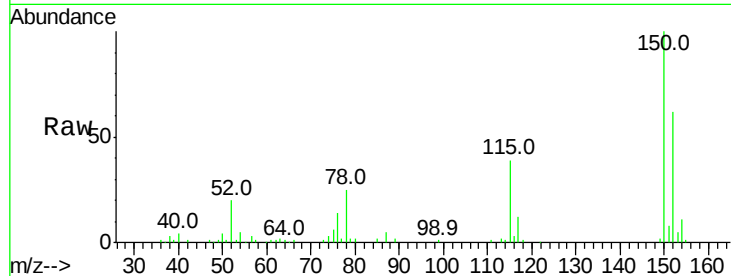


#1

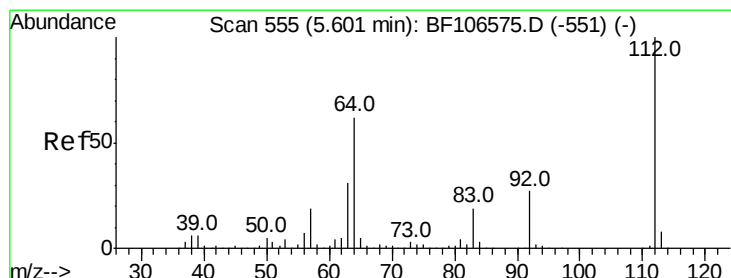
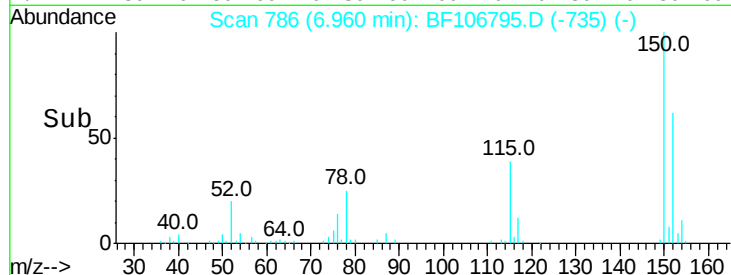
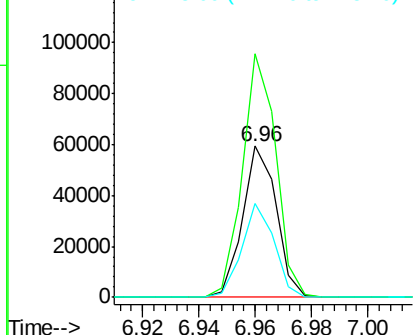
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106795.D
Acq: 26 Jun 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 49205
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 62.0 50.1 75.1



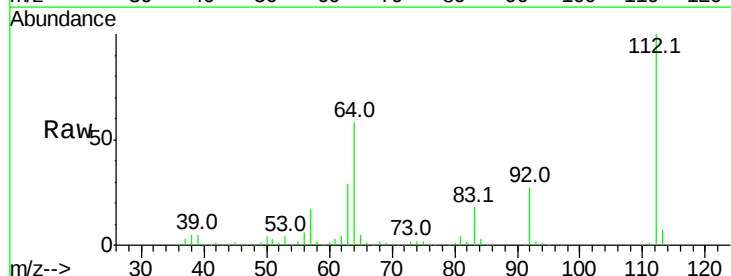
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



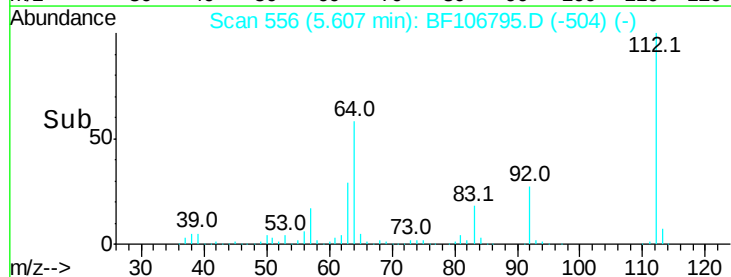
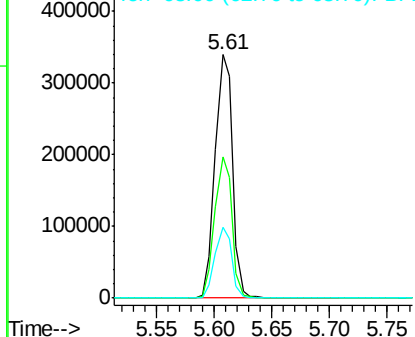
#5

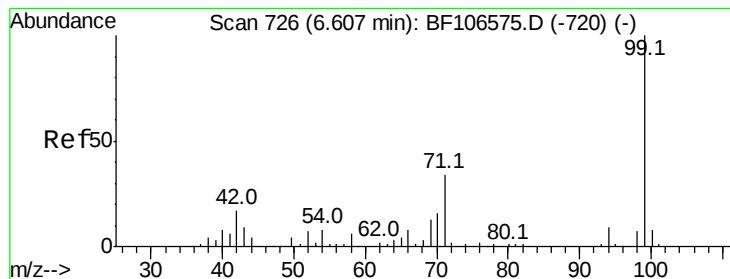
2-Fluorophenol
Concen: 122.731 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106795.D
Acq: 26 Jun 2018 1:52

Tgt Ion:112 Resp: 356637
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 29.2 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: 122.648 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106795.D

Acq: 26 Jun 2018 1:52

Instrument :

BNA_F

ClientSampleId :

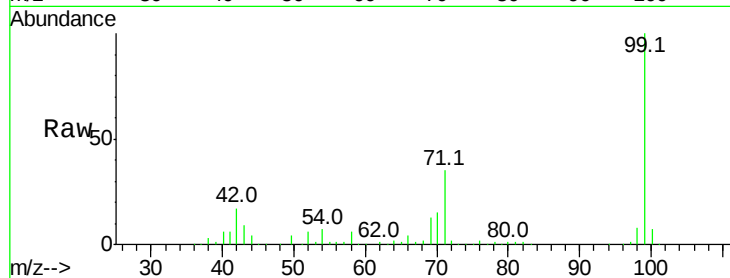
Tot Ion: 99 Resp: 445067

Ion Ratio Lower Upper

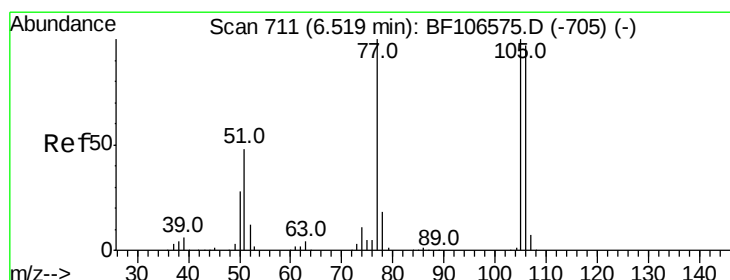
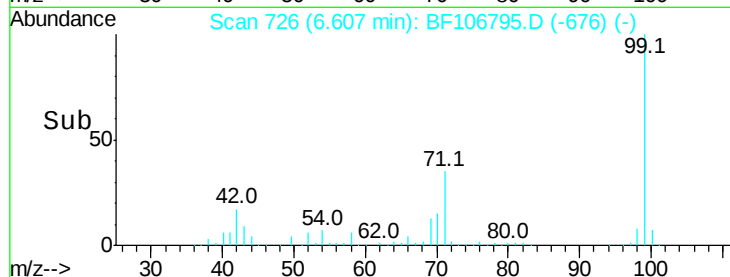
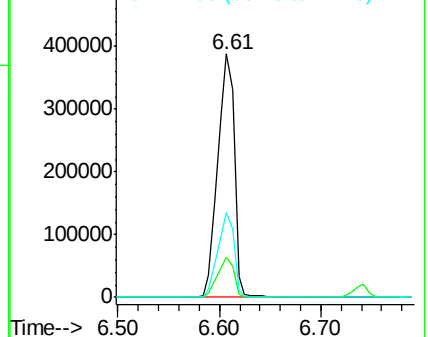
99 100

42 16.6 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: 2.525 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106795.D

Acq: 26 Jun 2018 1:52

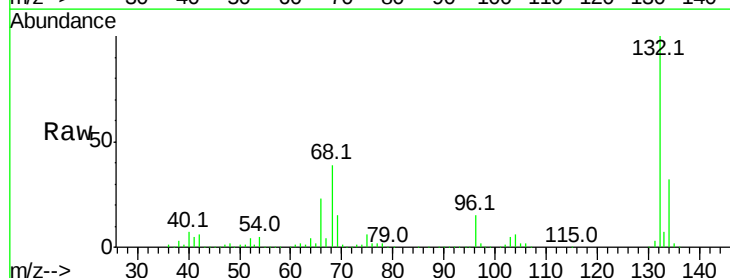
Tgt Ion: 77 Resp: 7725

Ion Ratio Lower Upper

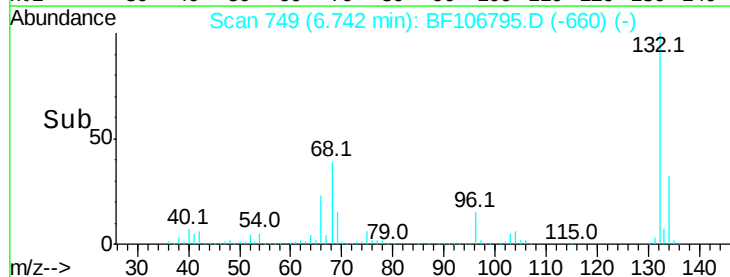
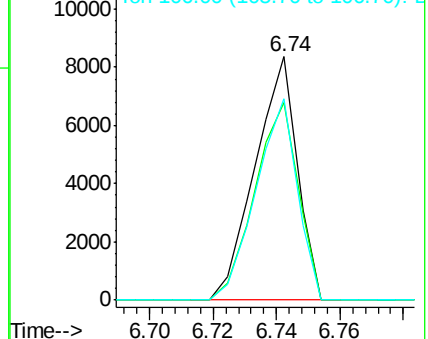
77 100

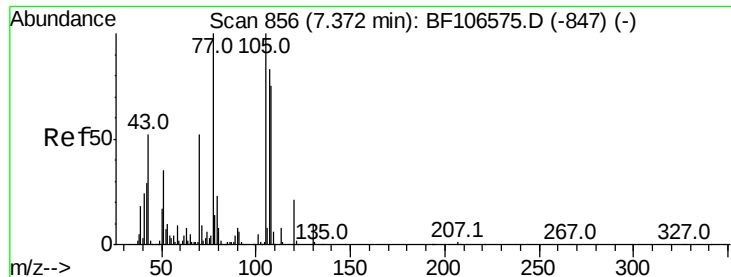
105 81.4 81.1 121.1

106 82.8 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

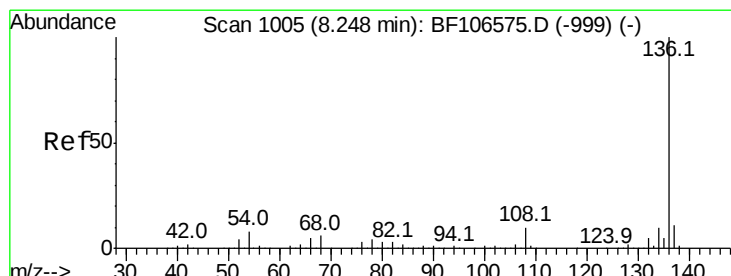
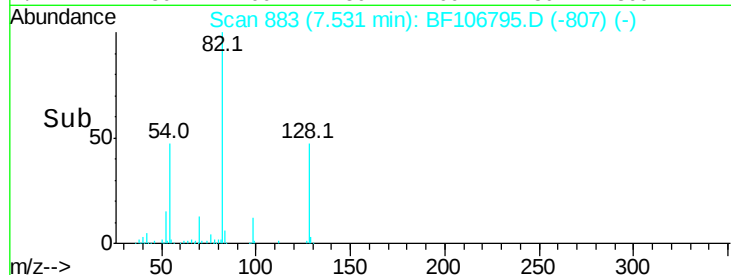
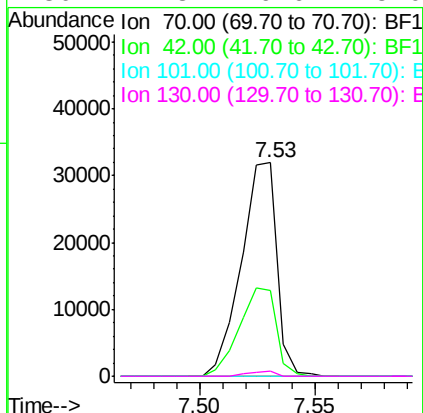
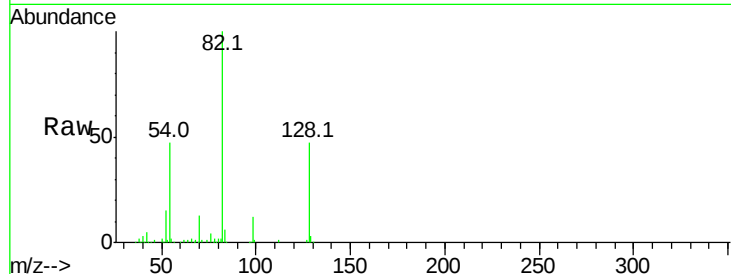




#19
n-Nitroso-di-n-propylamine
Concen: 14.400 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106795.D
Acq: 26 Jun 2018 1:52

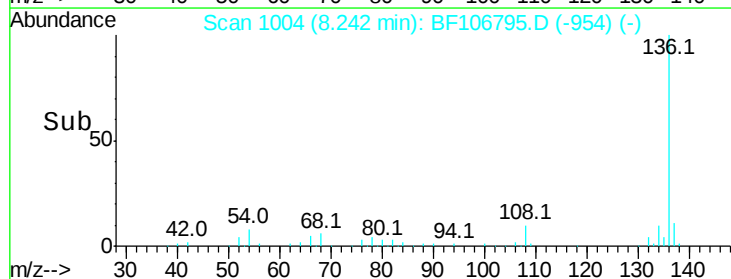
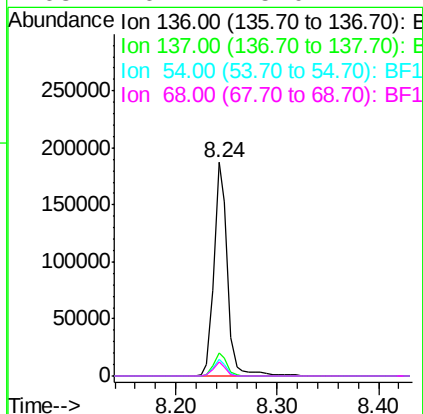
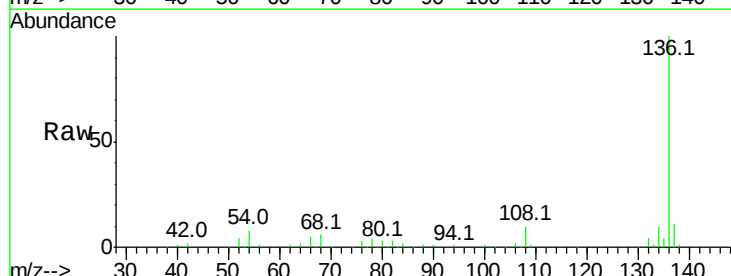
Instrument :
BNA_F
ClientSampled :

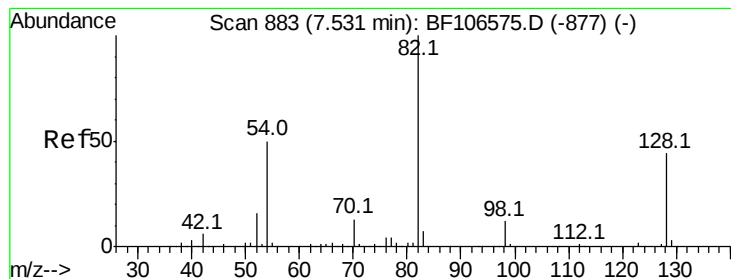
Tot Ion: 70 Resp: 34445
Ion Ratio Lower Upper
70 100
42 40.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106795.D
Acq: 26 Jun 2018 1:52

Tgt Ion: 136 Resp: 173706
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.9 6.6 9.8
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.938 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106795.D

Acq: 26 Jun 2018 1:52

Instrument :

BNA_F

ClientSampleId :

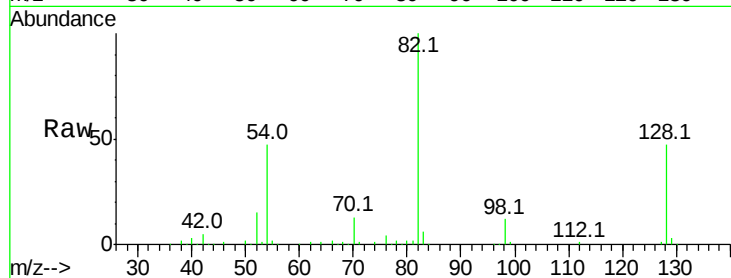
Tot Ion: 82 Resp: 265489

Ion Ratio Lower Upper

82 100

128 47.2 36.1 54.1

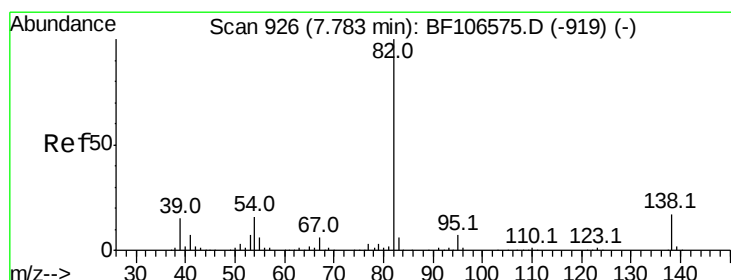
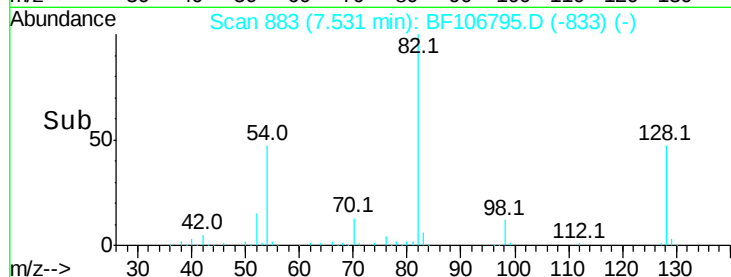
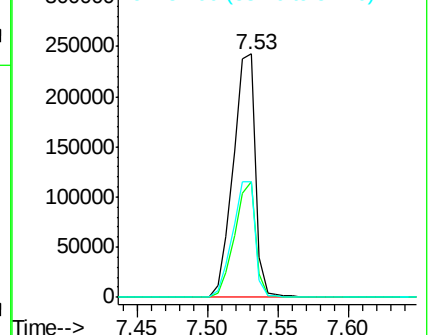
54 47.3 41.4 62.2



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: 48.200 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106795.D

Acq: 26 Jun 2018 1:52

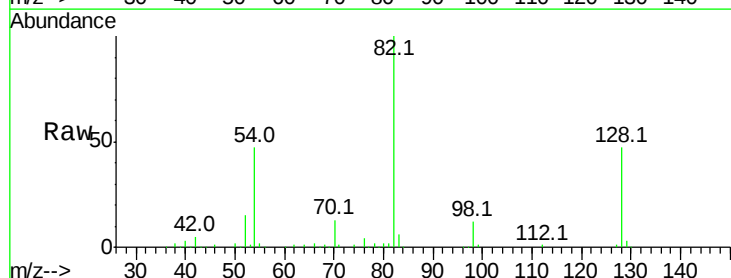
Tgt Ion: 82 Resp: 265484

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

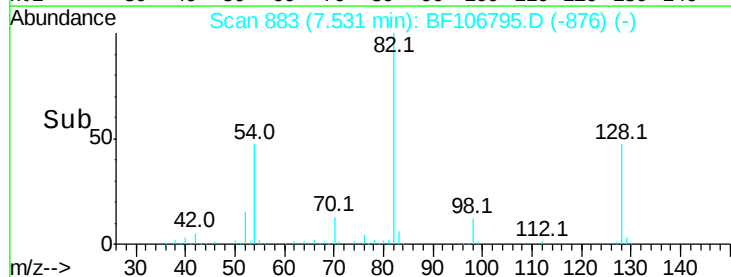
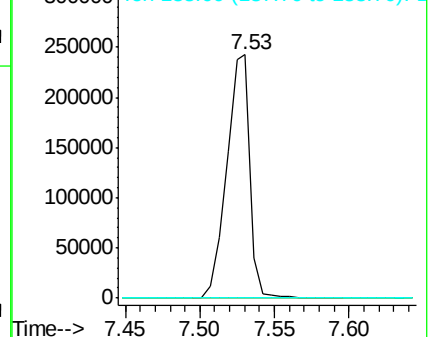
138 0.0 14.9 22.3#

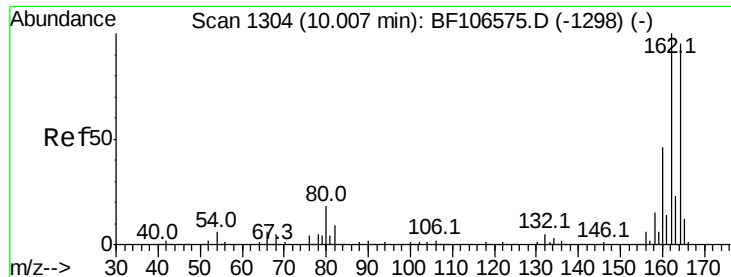


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1303

Delta R.T. -0.01 min

Lab File: BF106795.D

Acq: 26 Jun 2018 1:52

Instrument :

BNA_F

ClientSampled :

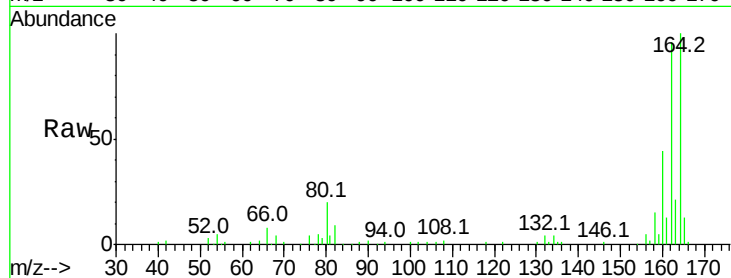
Tot Ion:164 Resp: 74681

Ion Ratio Lower Upper

164 100

162 95.6 86.1 129.1

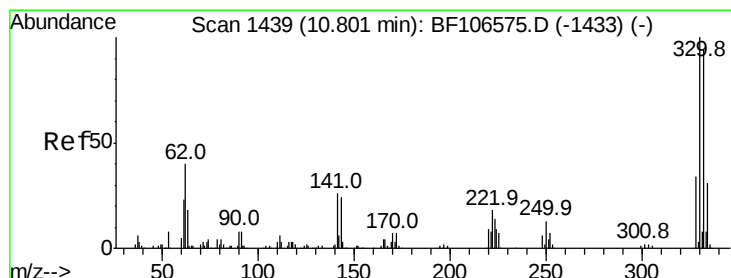
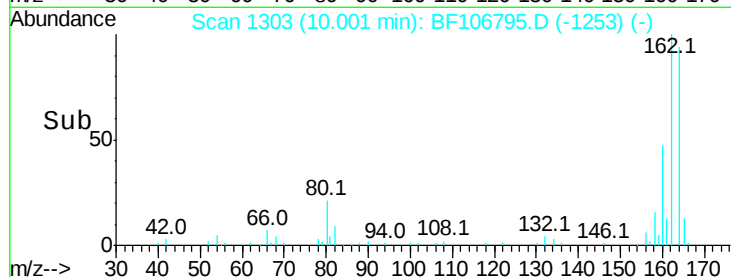
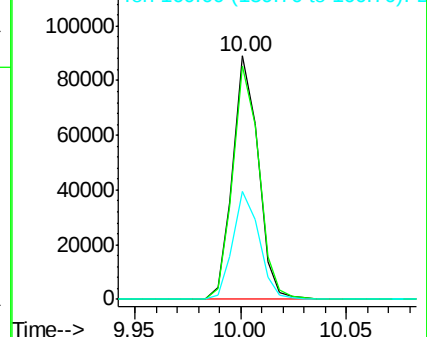
160 44.2 38.3 57.5



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: 136.382 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF106795.D

Acq: 26 Jun 2018 1:52

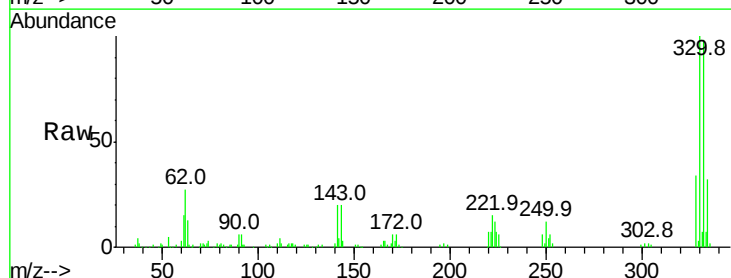
Tgt Ion:330 Resp: 118049

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

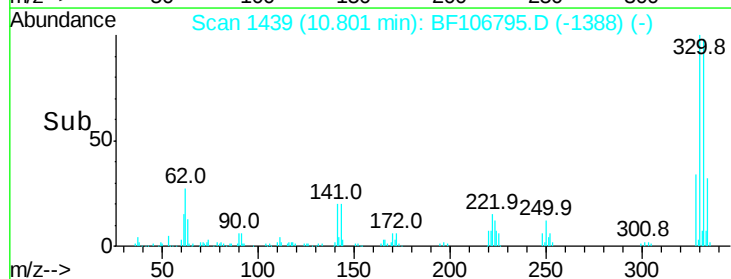
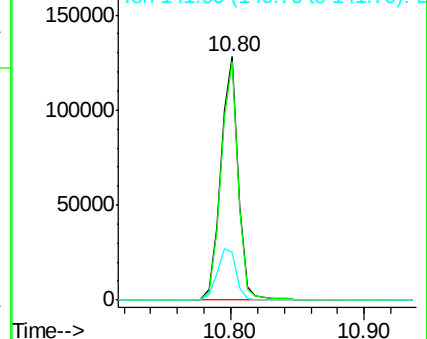
141 23.1 29.9 44.9#

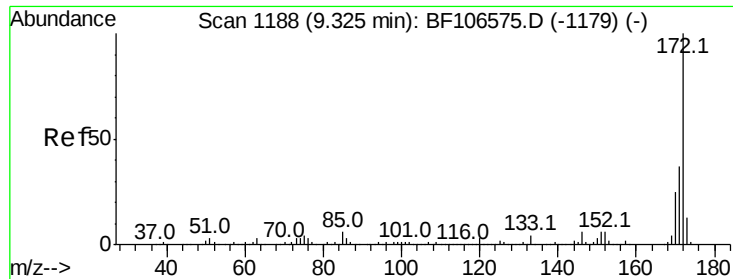


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

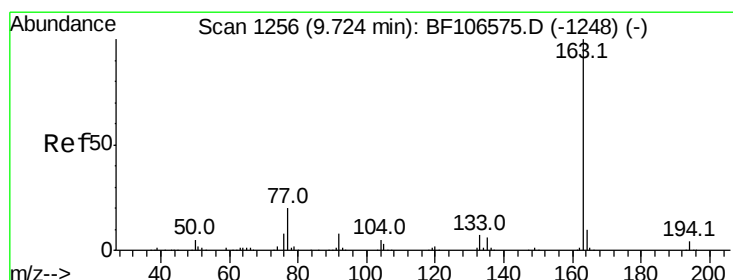
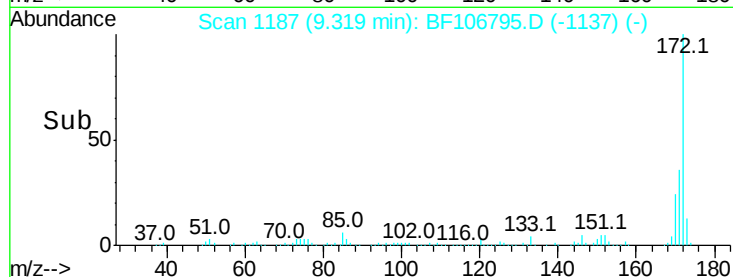
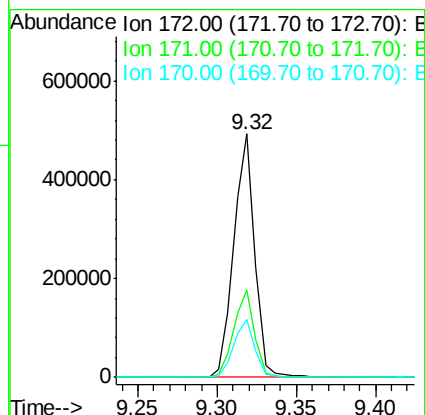
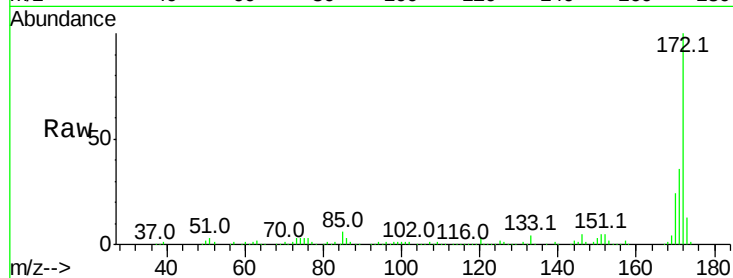




#44
 2-Fluorobiphenyl
 Concen: 106.188 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106795.D
 Acq: 26 Jun 2018 1:52

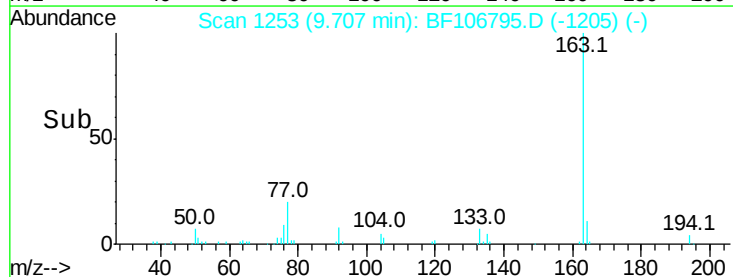
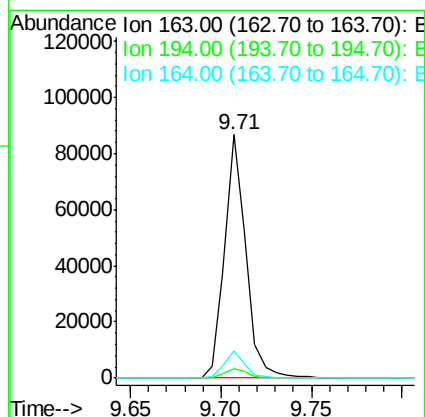
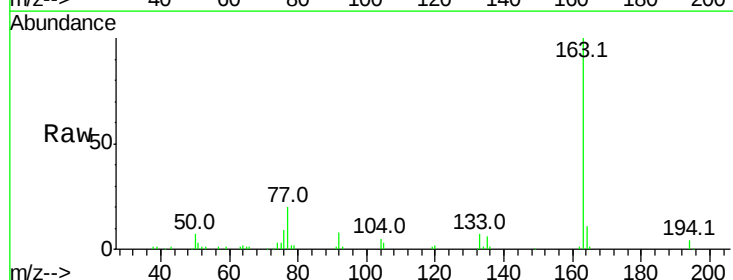
Instrument :
 BNA_F
 ClientSampleId :

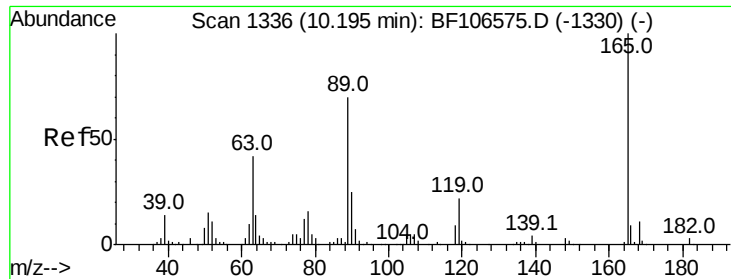
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



#49
 Dimethylphthalate
 Concen: 12.695 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106795.D
 Acq: 26 Jun 2018 1:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	11.1	8.2	12.2

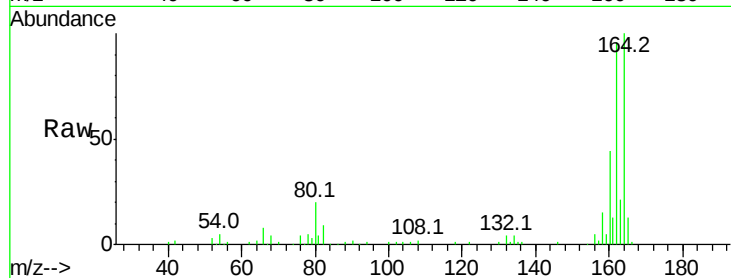




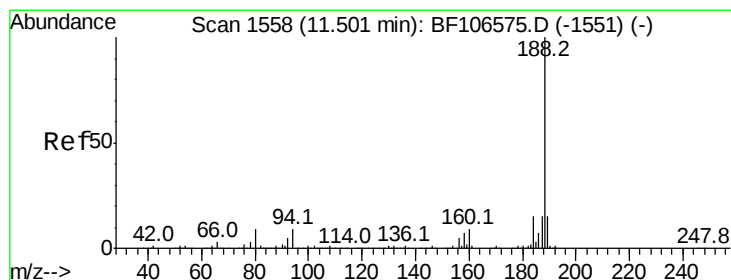
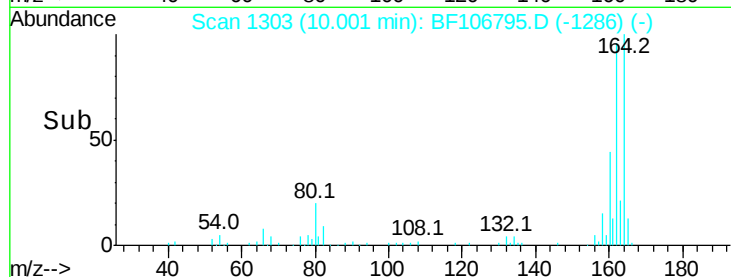
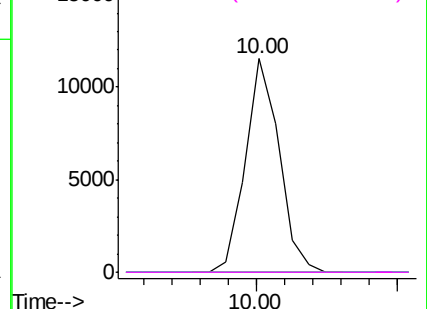
#56
2,4-Dinitrotoluene
Concen: 6.171 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF106795.D
Acq: 26 Jun 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 9554
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#

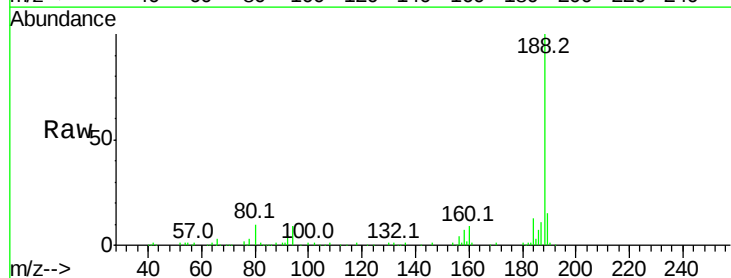


Abundance Ion 165.00 (164.70 to 165.70): E

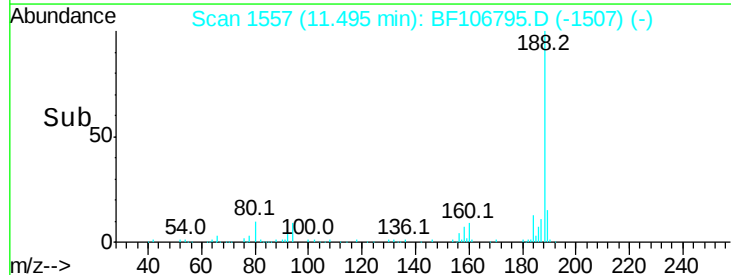
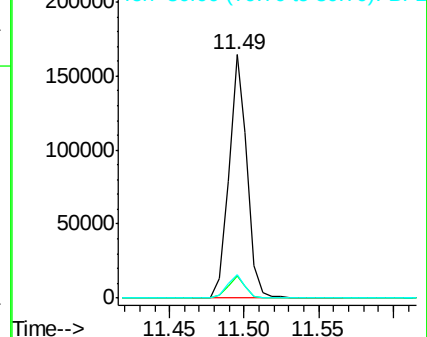


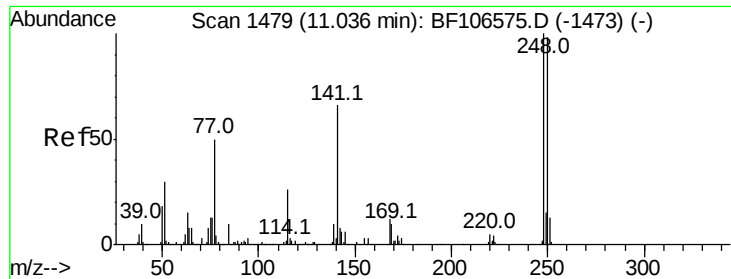
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106795.D
Acq: 26 Jun 2018 1:52

Tgt Ion:188 Resp: 140742
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

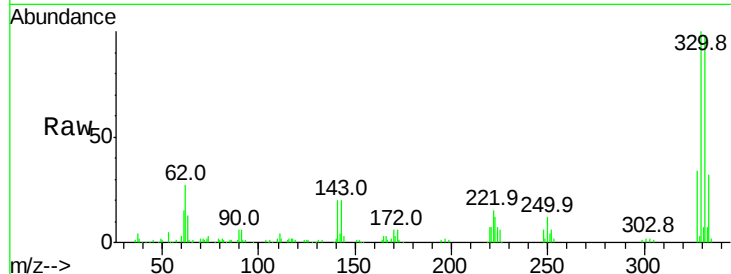




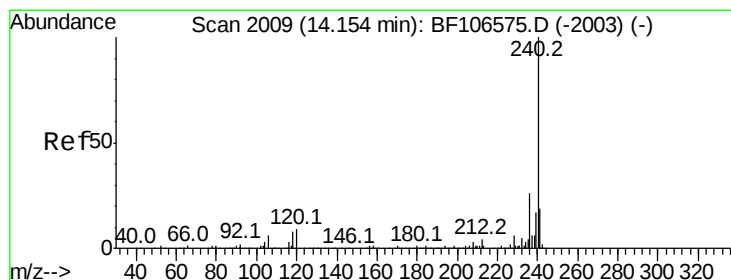
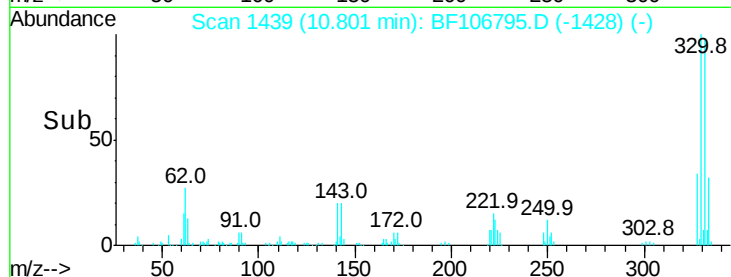
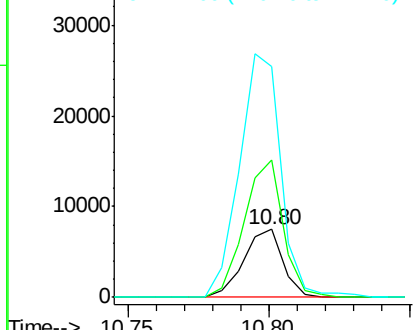
#66
4-Bromophenyl-phenylether
Concen: 4.287 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106795.D
Acq: 26 Jun 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7201
Ion Ratio Lower Upper
248 100
250 202.9 76.9 115.3#
141 339.7 74.4 111.6#

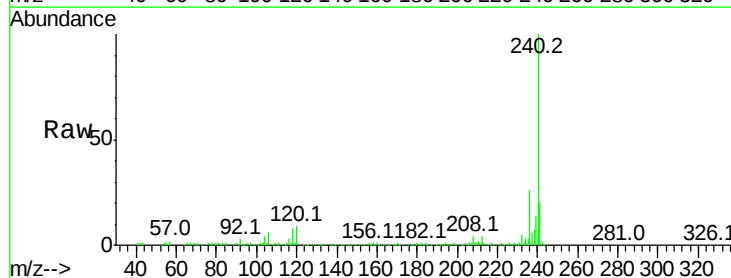


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

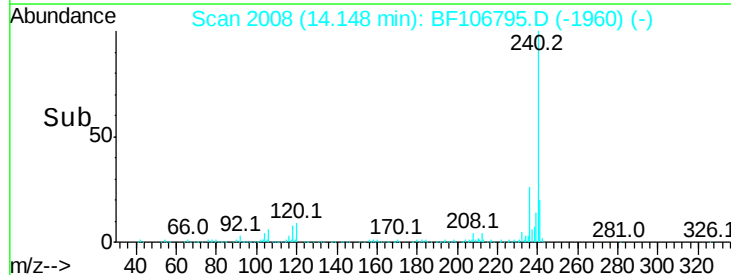
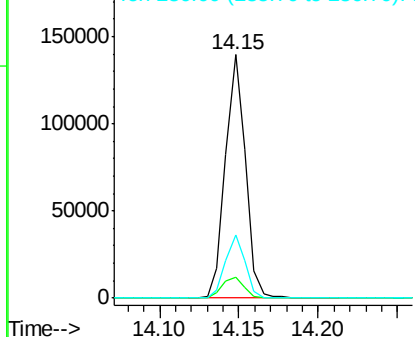


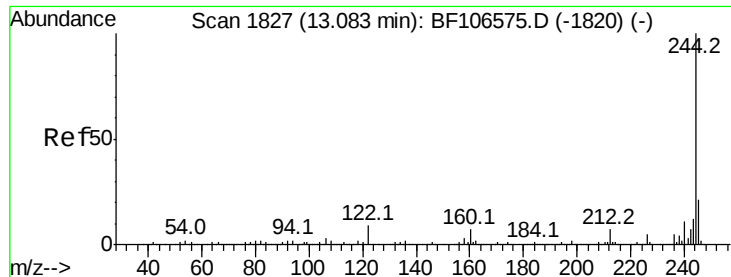
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF106795.D
Acq: 26 Jun 2018 1:52

Tgt Ion:240 Resp: 122610
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

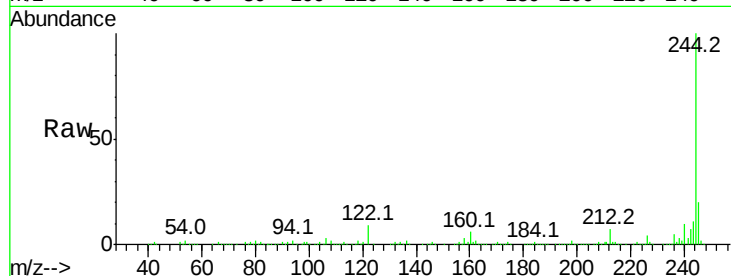




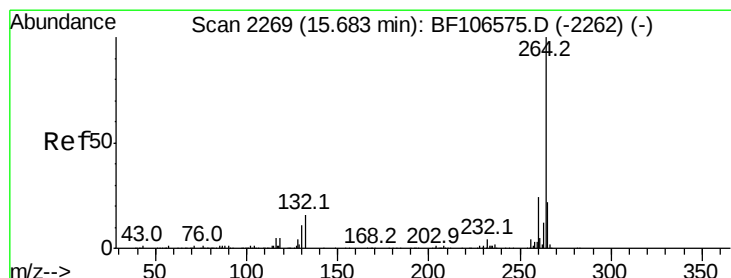
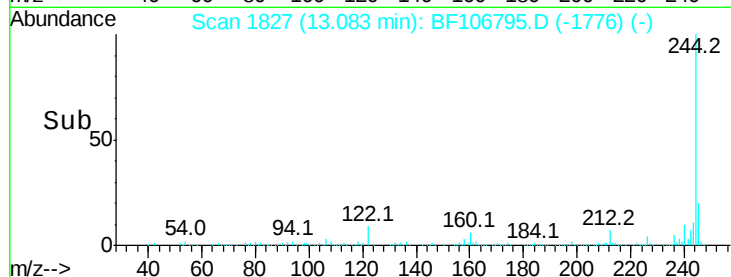
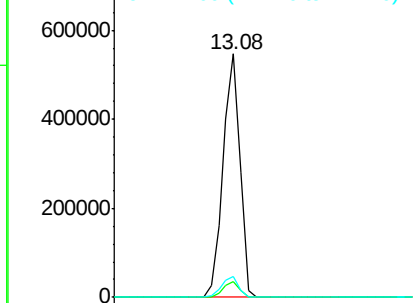
#78
 Terphenyl-d14
 Concen: 100.549 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF106795.D
 Acq: 26 Jun 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 508952
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.6 11.0 16.4#

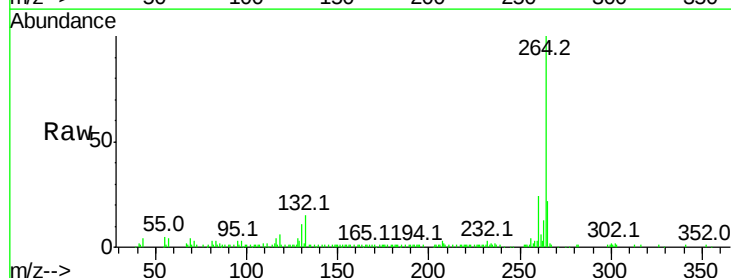


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106795.D
 Acq: 26 Jun 2018 1:52

Tgt Ion:264 Resp: 88135
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.9 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

