

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107902.D
 Acq On : 1 Aug 2018 21:11
 Operator : JU/SJ
 Sample : J4252-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 01:00:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

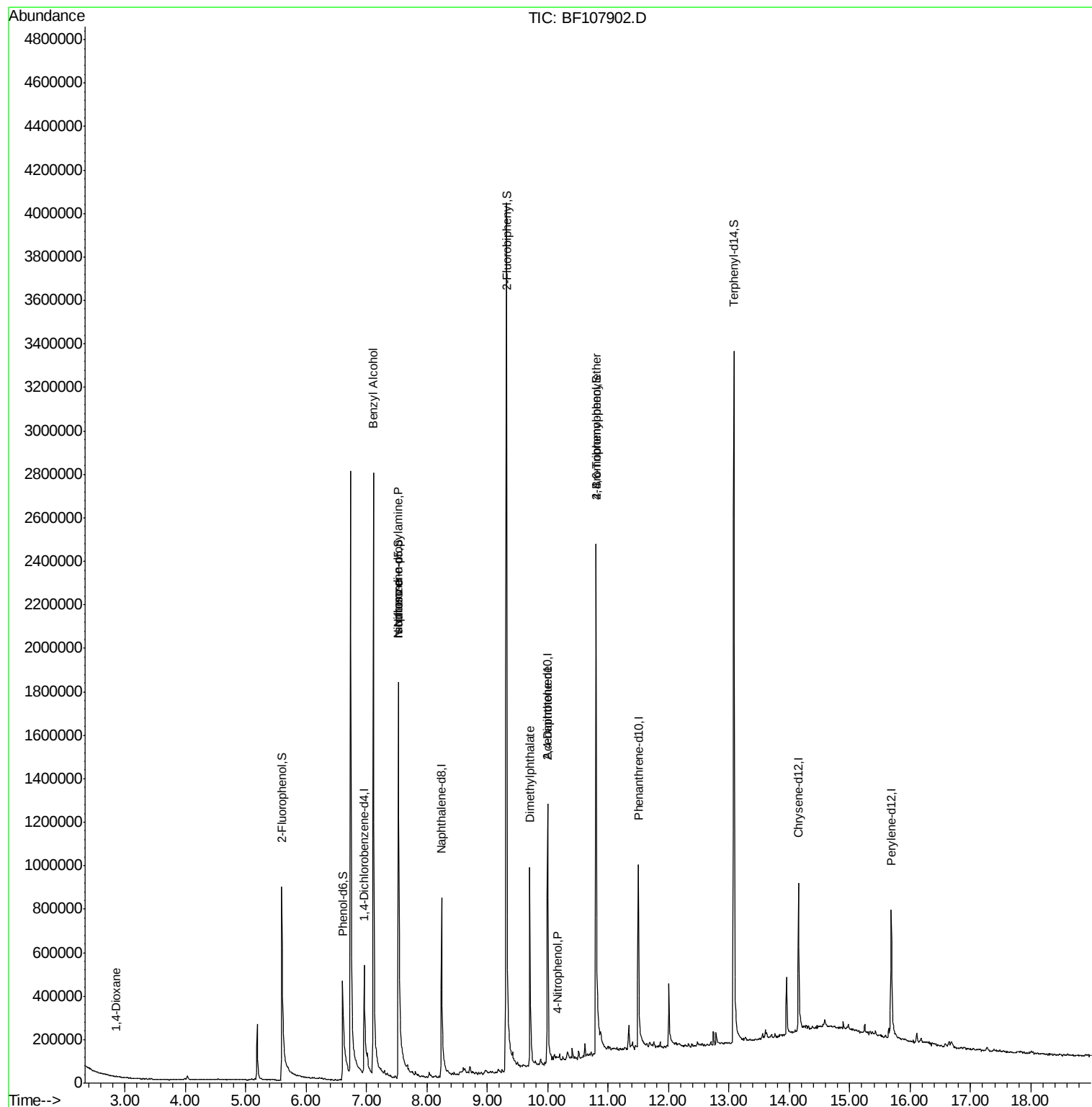
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	148875	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	635857	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	285643	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	513317	20.00	ng	0.00
75) Chrysene-d12	14.15	240	378931	20.00	ng	0.00
86) Perylene-d12	15.69	264	401288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	497740	56.82	ng	0.00
7) Phenol-d6	6.61	99	420024	36.38	ng	0.00
23) Nitrobenzene-d5	7.53	82	1041062	94.32	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	465689	119.98	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1880808	91.75	ng	0.00
78) Terphenyl-d14	13.08	244	1415827	81.02	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.86	88	635	5.929	ng	# 66
15) Benzyl Alcohol	7.11	79	16646	2.320	ng	# 51
19) n-Nitroso-di-n-propylamine	7.53	70	124084	16.943	ng	# 77
25) Isophorone	7.53	82	1060709	58.546	ng	# 64
49) Dimethylphthalate	9.71	163	455717	21.244	ng	100
55) 4-Nitrophenol	10.16	139	842	9.582	ng	# 30
56) 2,4-Dinitrotoluene	10.00	165	38481	6.280	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	26092	4.361	ng	# 1

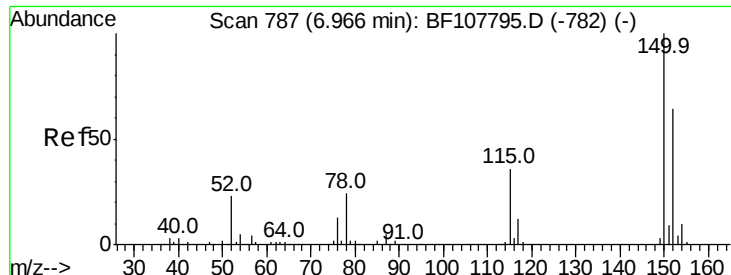
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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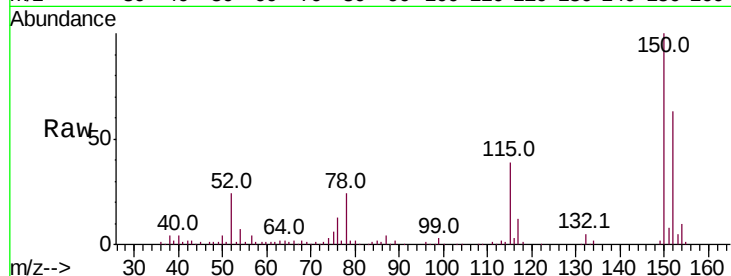


#1

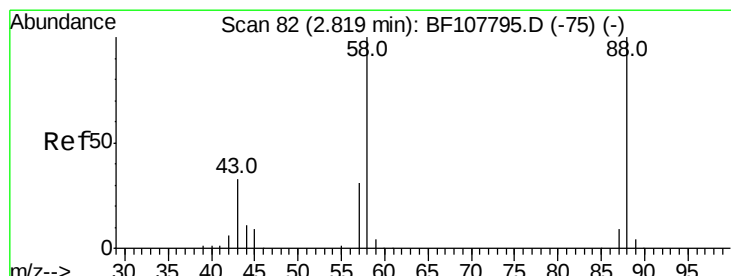
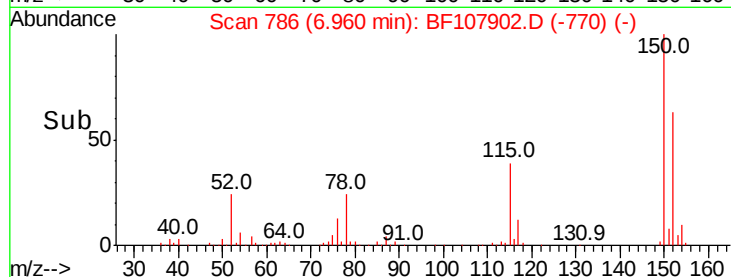
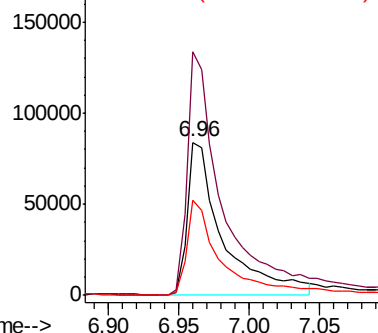
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107902.D
Acq: 1 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148875
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 62.5 50.1 75.1



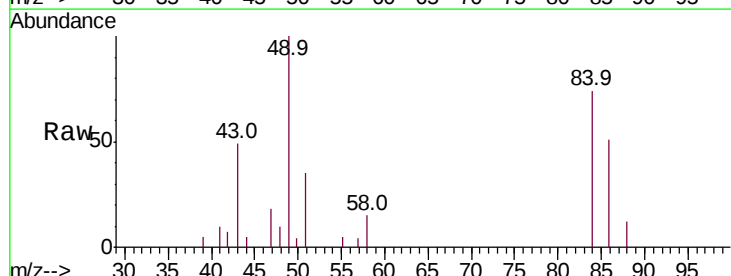
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



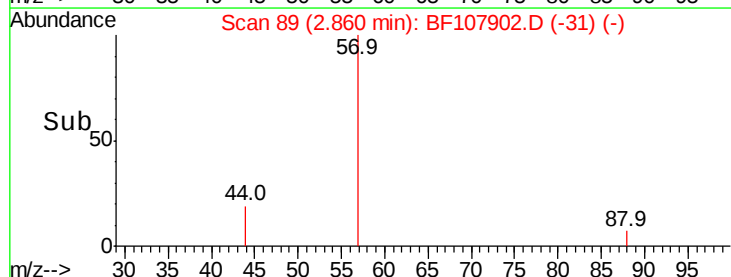
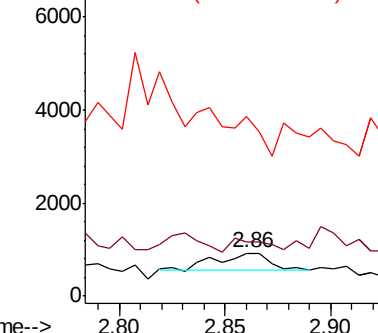
#2

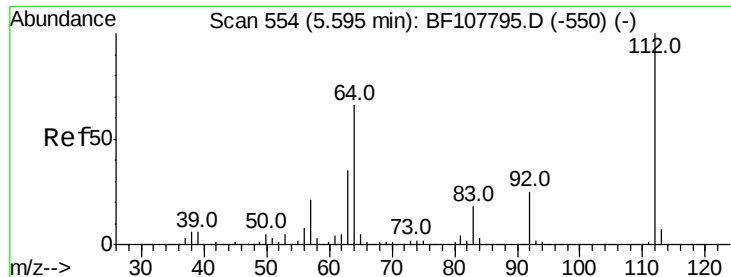
1,4-Dioxane
Concen: 5.929 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.04 min
Lab File: BF107902.D
Acq: 1 Aug 2018 21:11

Tgt Ion: 88 Resp: 635
Ion Ratio Lower Upper
88 100
58 56.1 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 56.822 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107902.D

Acq: 1 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

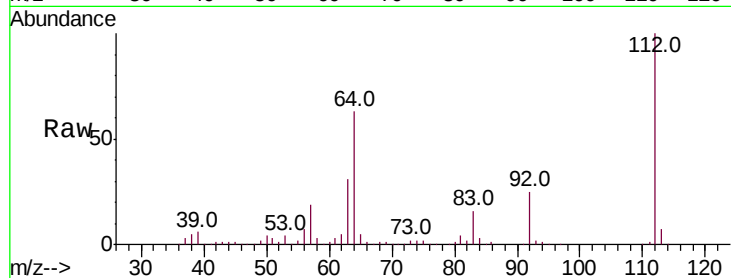
Tot Ion:112 Resp: 497740

Ion Ratio Lower Upper

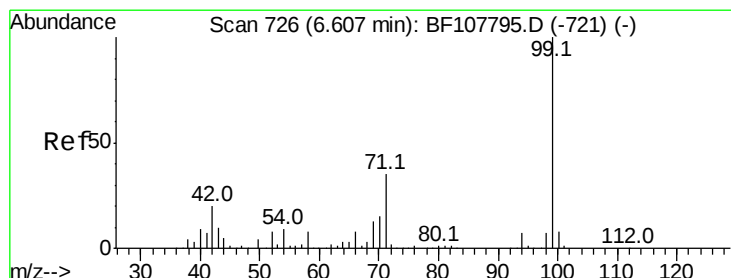
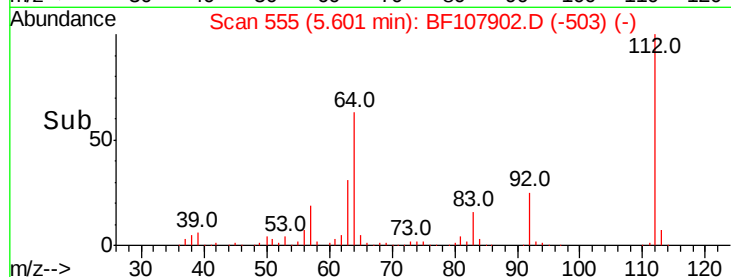
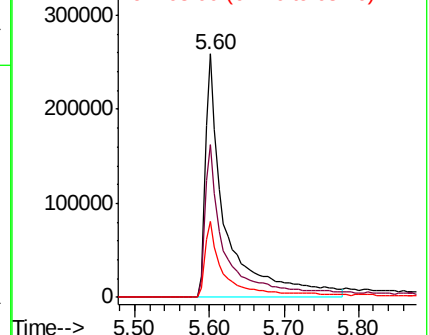
112 100

64 62.5 47.9 71.9

63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 36.382 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107902.D

Acq: 1 Aug 2018 21:11

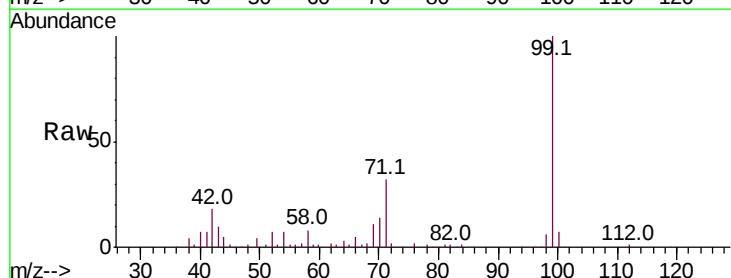
Tgt Ion: 99 Resp: 420024

Ion Ratio Lower Upper

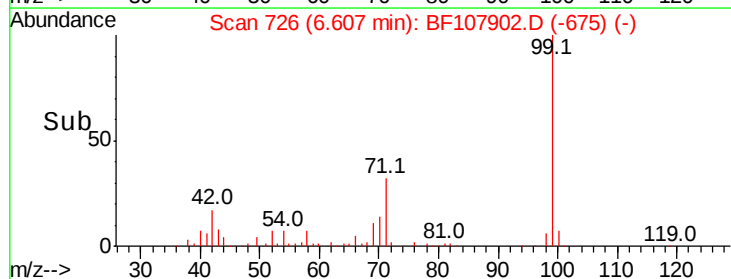
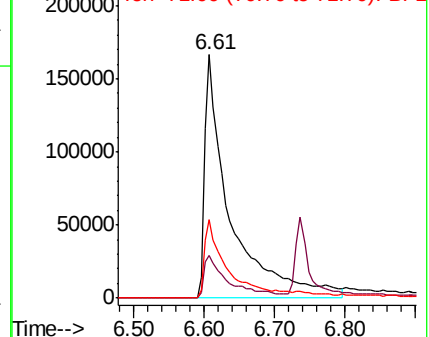
99 100

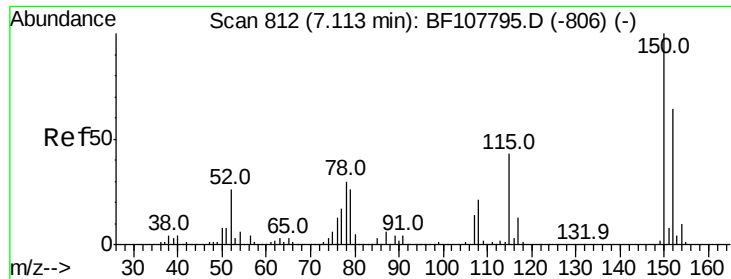
42 17.5 14.5 21.7

71 32.2 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

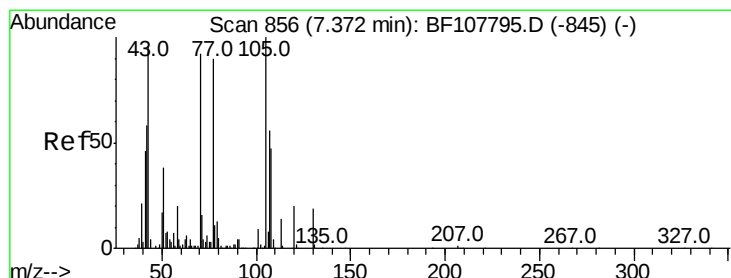
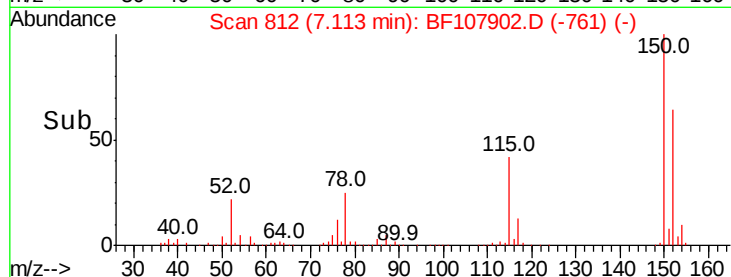
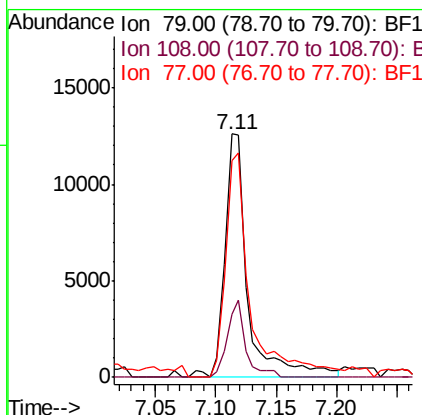
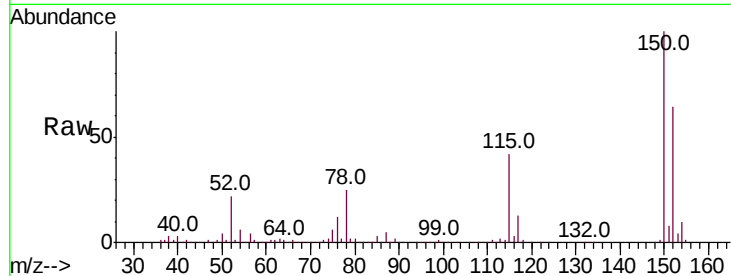




#15
Benzyl Alcohol
Concen: 2.320 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107902.D
Acq: 1 Aug 2018 21:11

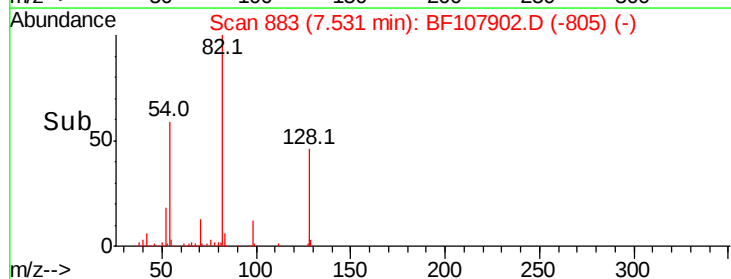
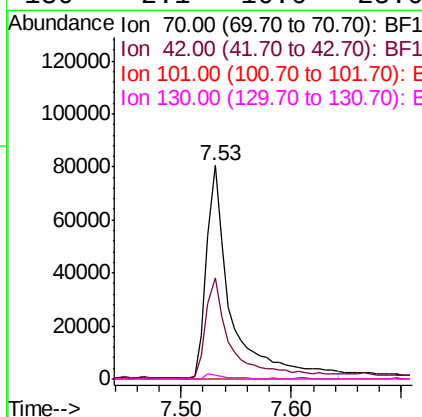
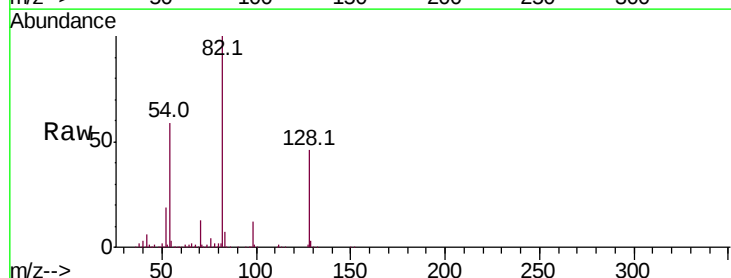
Instrument :
BNA_F
ClientSampleId :

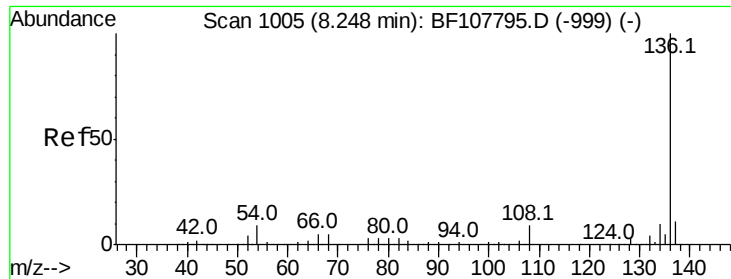
Tot Ion	Ratio	Lower	Upper
79	100		
108	26.1	65.1	97.7#
77	88.8	50.6	75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.943 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107902.D
Acq: 1 Aug 2018 21:11

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

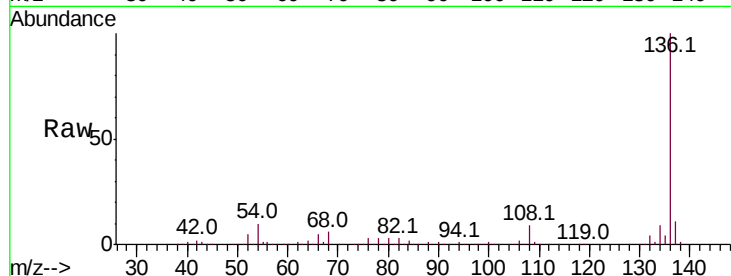




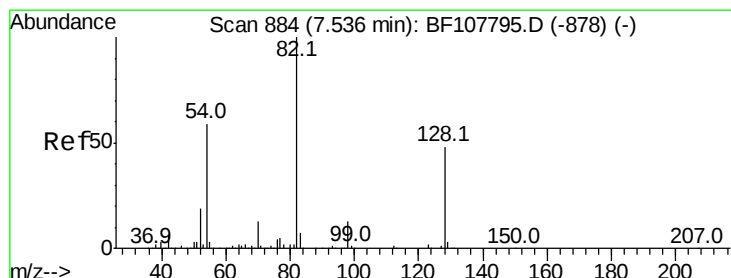
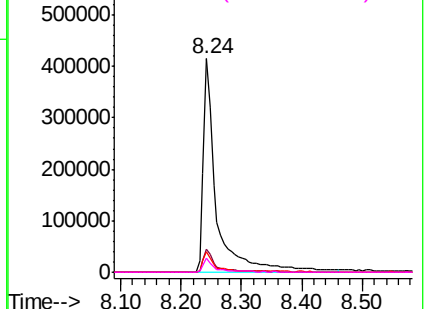
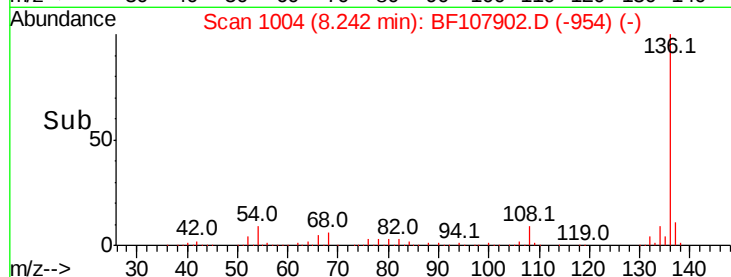
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107902.D
Acq: 1 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	635857
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.5	6.6	9.8
68	6.4	5.0	7.4

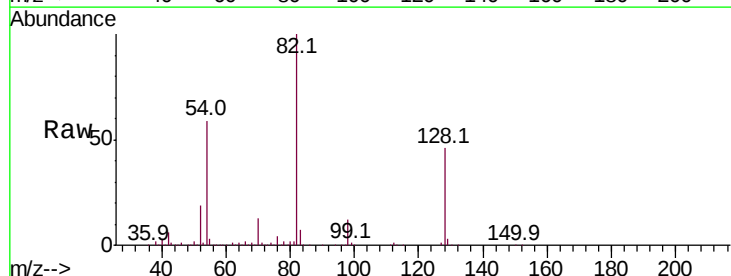


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

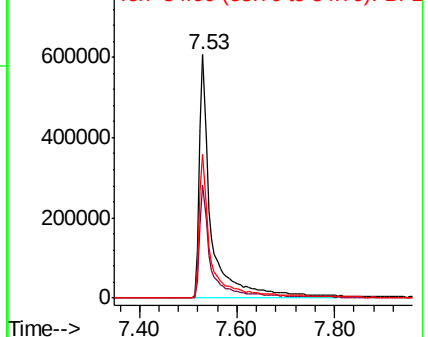
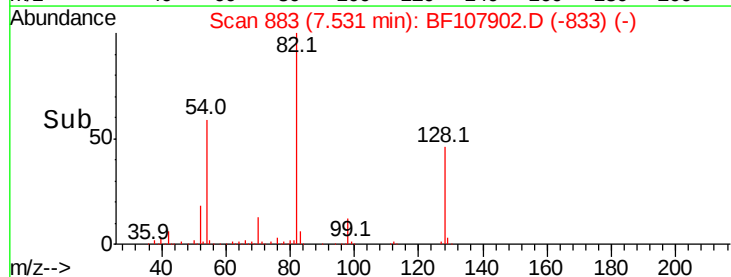


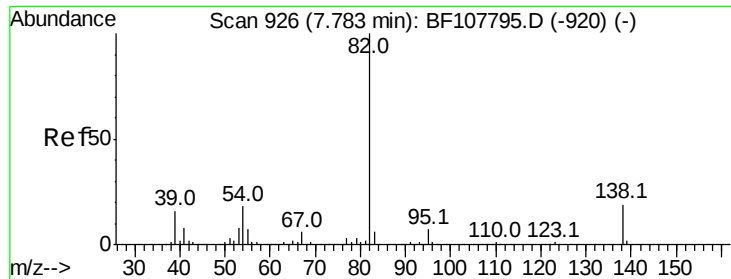
#23
Nitrobenzene-d5
Concen: 94.323 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107902.D
Acq: 1 Aug 2018 21:11

Tgt Ion:	82	Resp:	1041062
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	59.3	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: 58.546 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF107902.D

Acq: 1 Aug 2018 21:11

Instrument :

BNA_F

ClientSampleId :

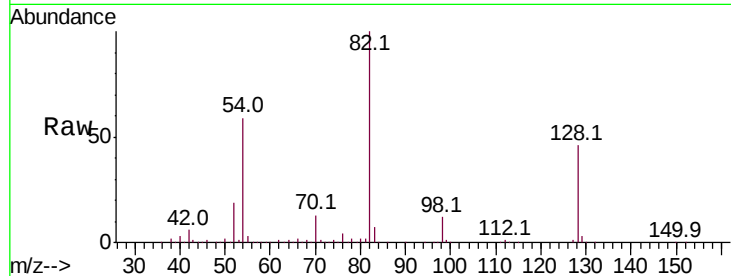
Tot Ion: 82 Resp: 1060709

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

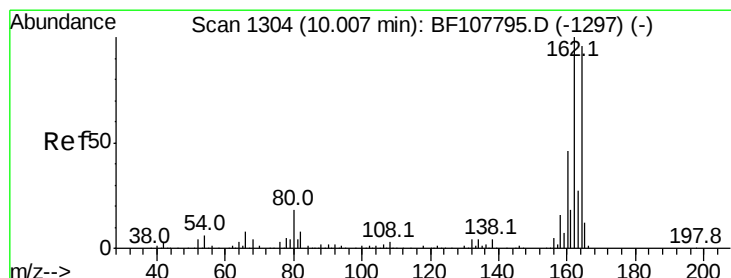
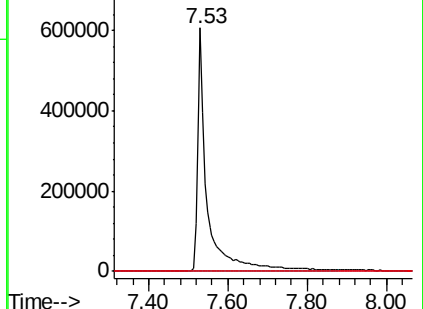
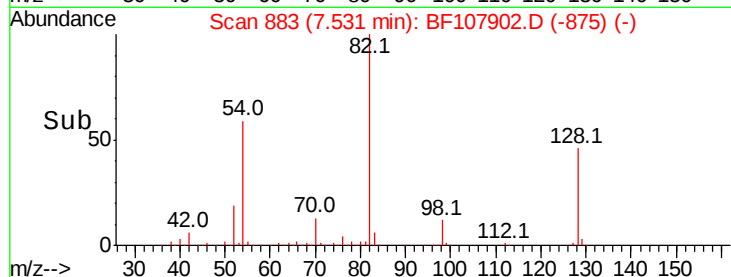
138 0.0 14.9 22.3#



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: BF107902.D

Acq: 1 Aug 2018 21:11

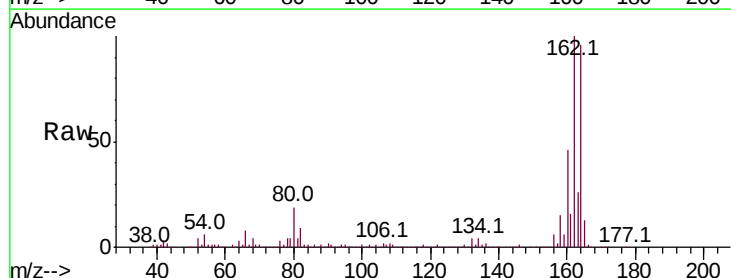
Tgt Ion:164 Resp: 285643

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

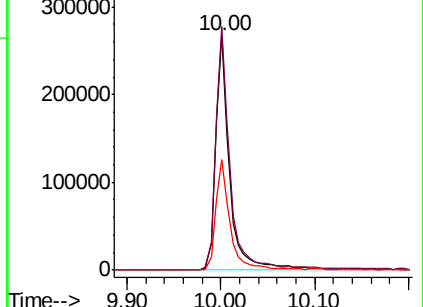
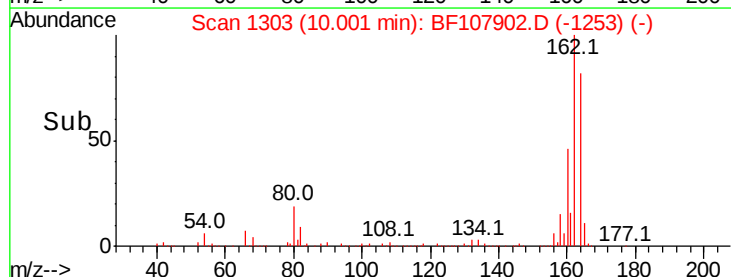
160 47.3 38.3 57.5

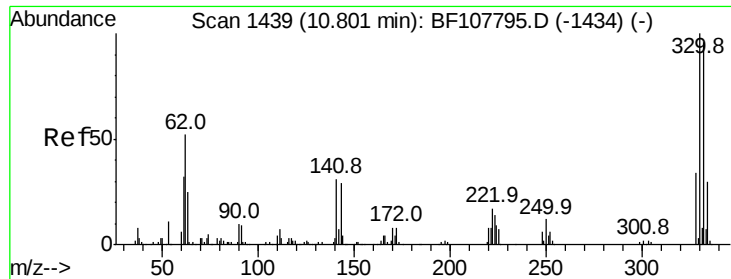


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

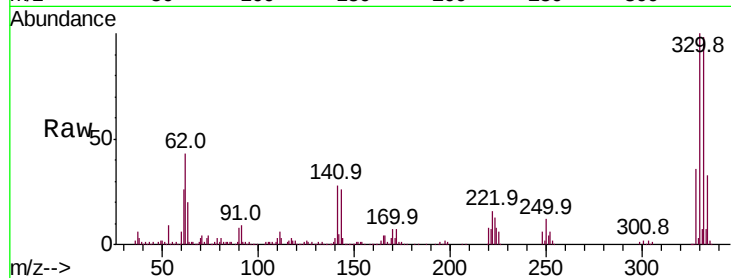




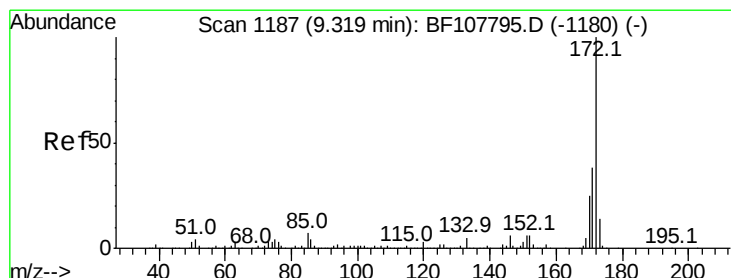
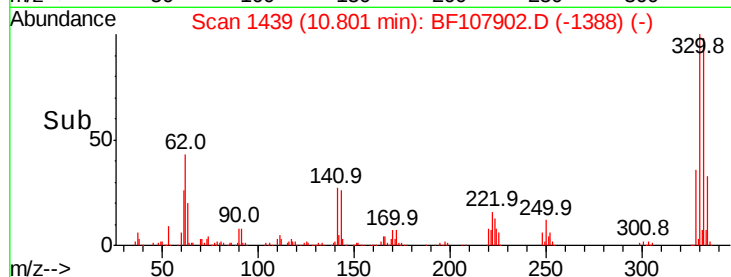
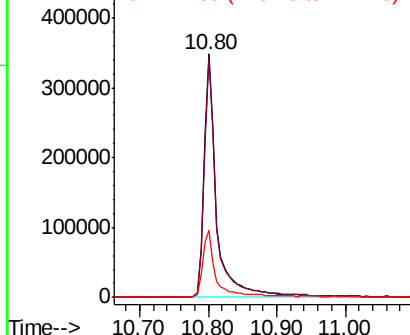
#41
 2,4,6-Tribromophenol
 Concen: 119.982 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107902.D
 Acq: 1 Aug 2018 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 465689
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 27.6 29.9 44.9#

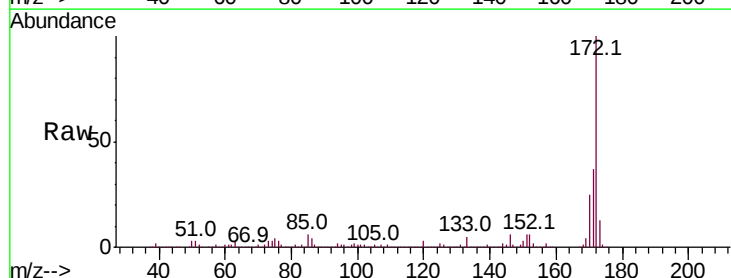


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

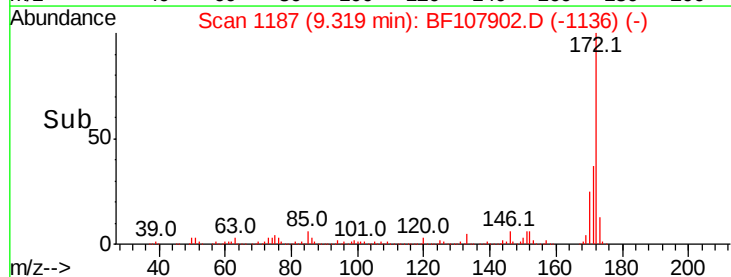
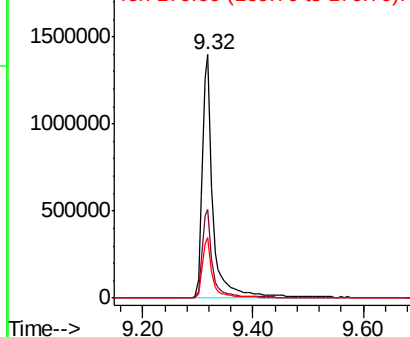


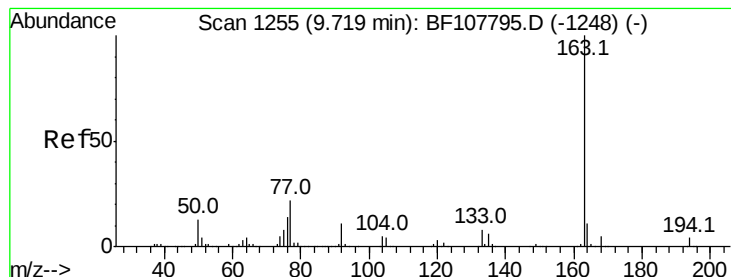
#44
 2-Fluorobiphenyl
 Concen: 91.754 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107902.D
 Acq: 1 Aug 2018 21:11

Tgt Ion:172 Resp: 1880808
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.7 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: 21.244 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF107902.D

Acq: 1 Aug 2018 21:11

Instrument :

BNA_F

ClientSampled :

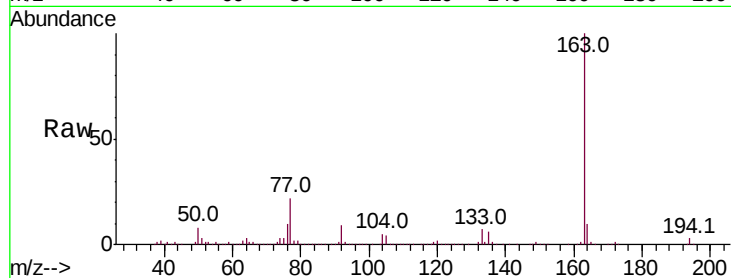
Tot Ion:163 Resp: 455717

Ion Ratio Lower Upper

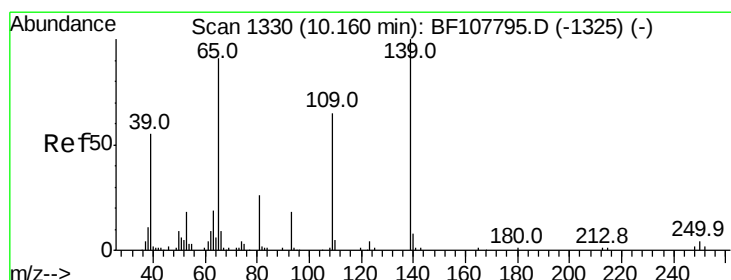
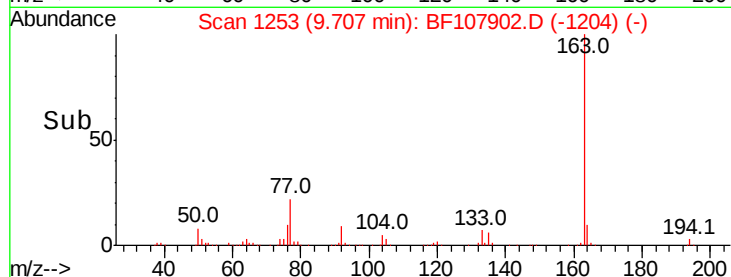
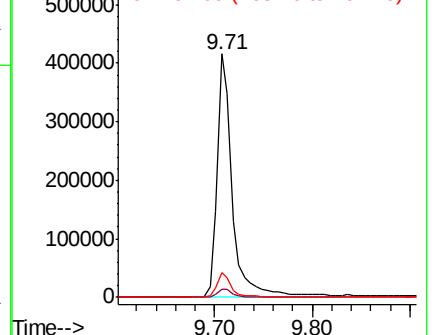
163 100

194 3.3 2.7 4.1

164 10.2 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



#55

4-Nitrophenol

Concen: 9.582 ng

RT: 10.16 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF107902.D

Acq: 1 Aug 2018 21:11

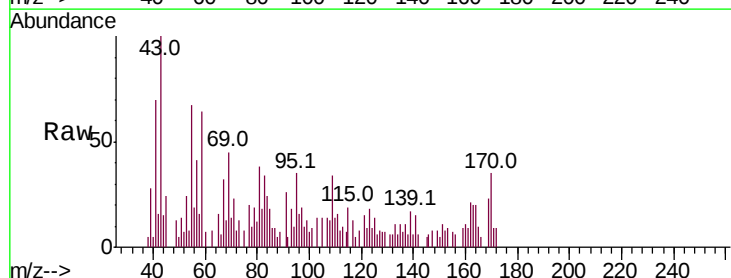
Tgt Ion:139 Resp: 842

Ion Ratio Lower Upper

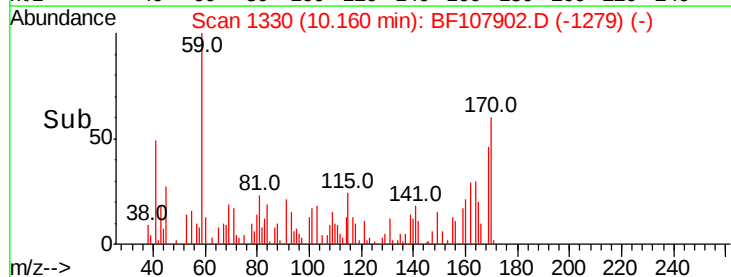
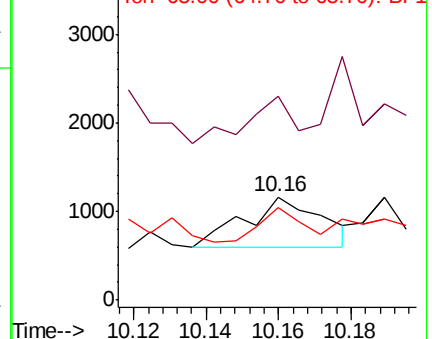
139 100

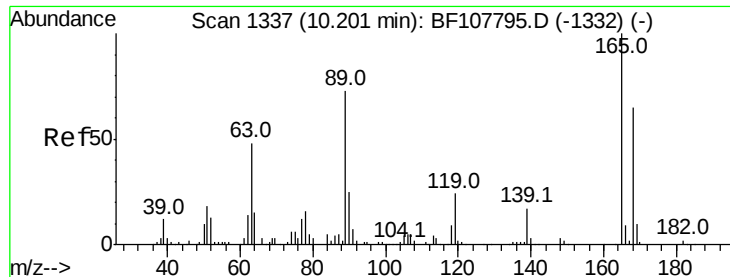
109 198.5 48.4 88.4#

65 89.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

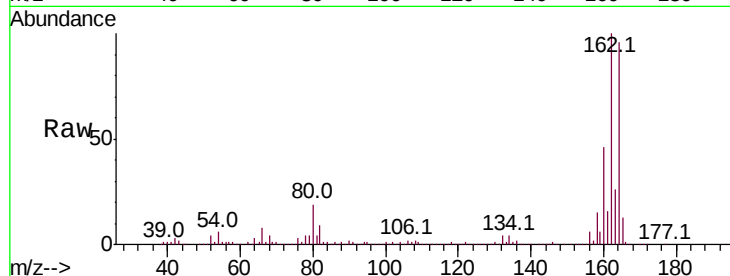




#56
 2,4-Dinitrotoluene
 Concen: 6.280 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF107902.D
 Acq: 1 Aug 2018 21:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



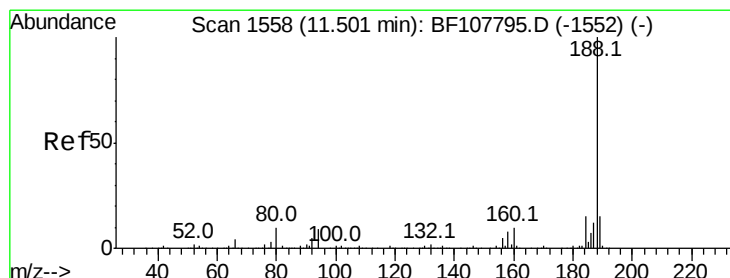
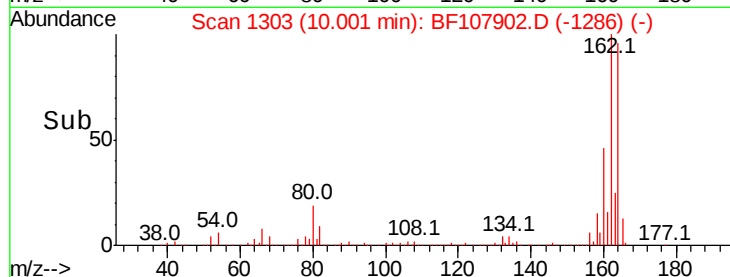
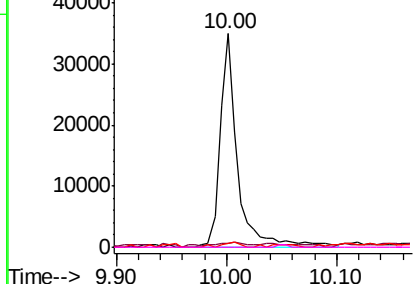
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

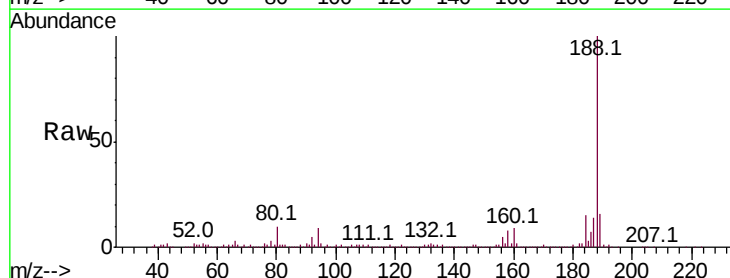
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF107902.D
 Acq: 1 Aug 2018 21:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.6	9.2	13.8

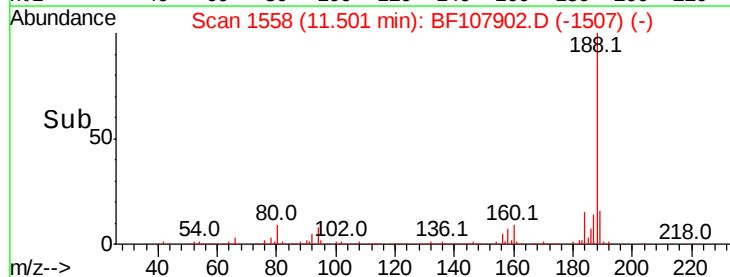
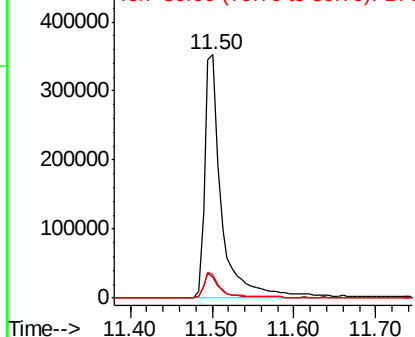


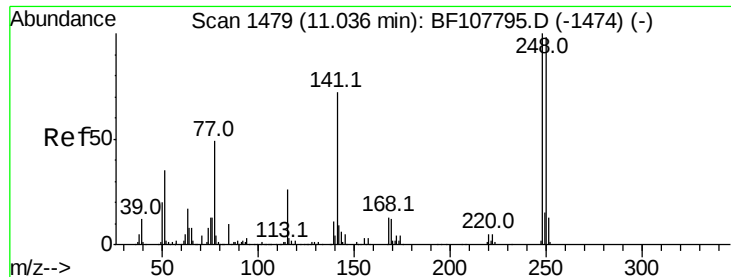
Abundance

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

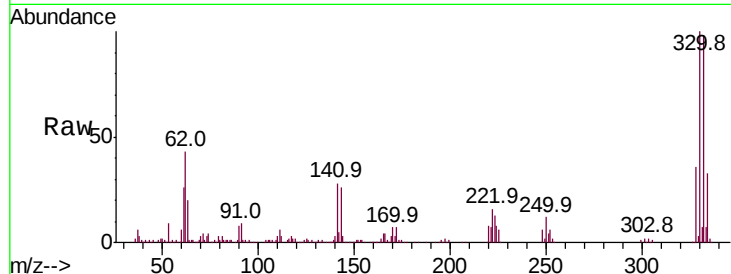




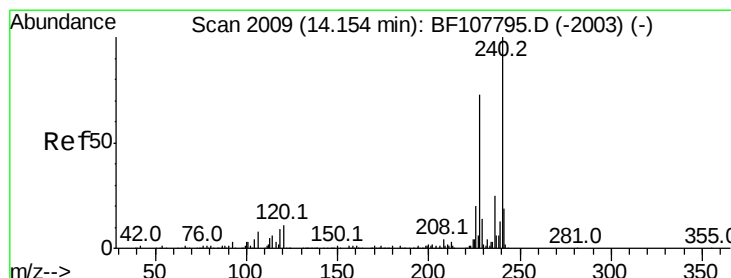
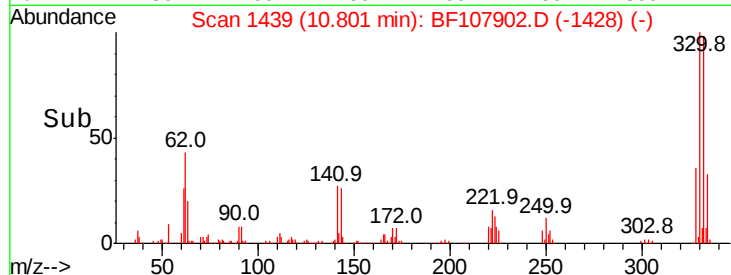
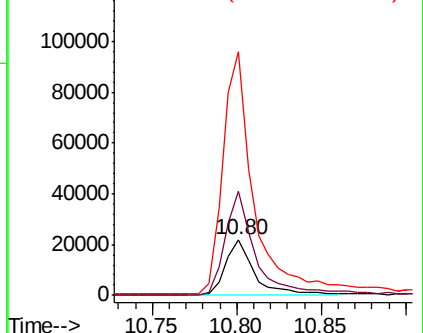
#66
4-Bromophenyl-phenylether
Concen: 4.361 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107902.D
Acq: 1 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 26092
Ion Ratio Lower Upper
248 100
250 187.8 76.9 115.3#
141 438.7 74.4 111.6#

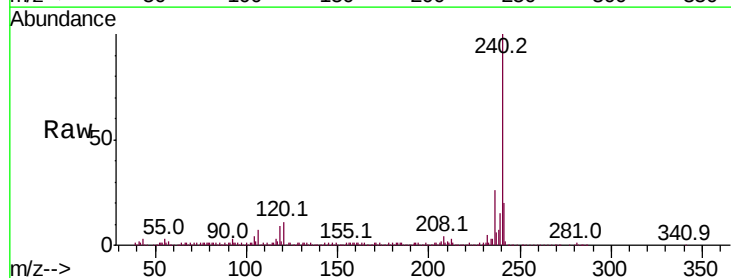


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

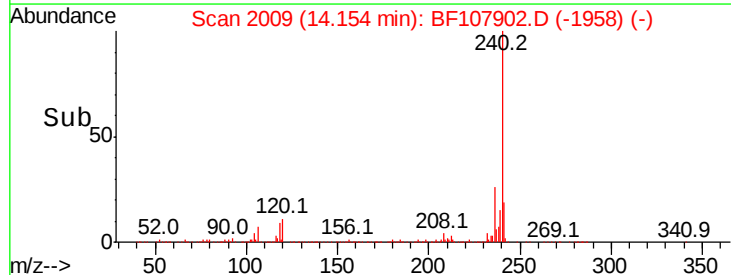
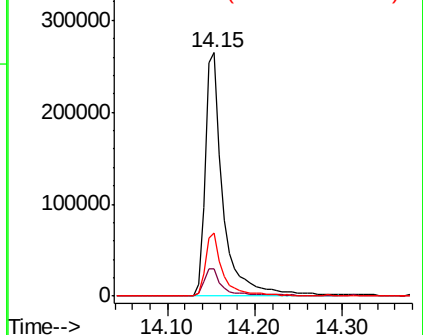


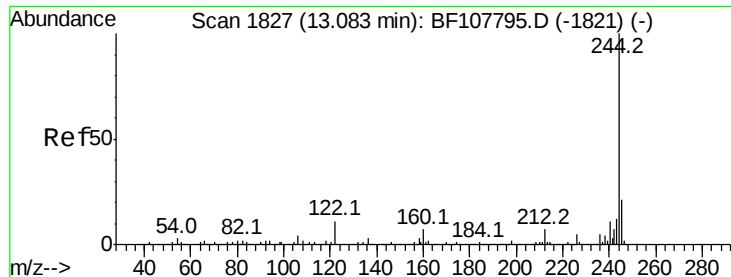
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107902.D
Acq: 1 Aug 2018 21:11

Tgt Ion:240 Resp: 378931
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 26.0 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: 81.021 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107902.D

Acq: 1 Aug 2018 21:11

Instrument :

BNA_F

ClientSampleId :

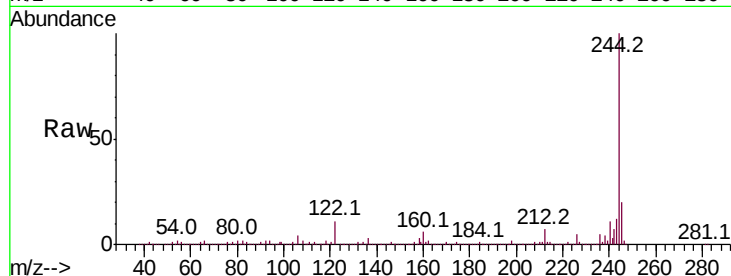
Tot Ion:244 Resp: 1415827

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

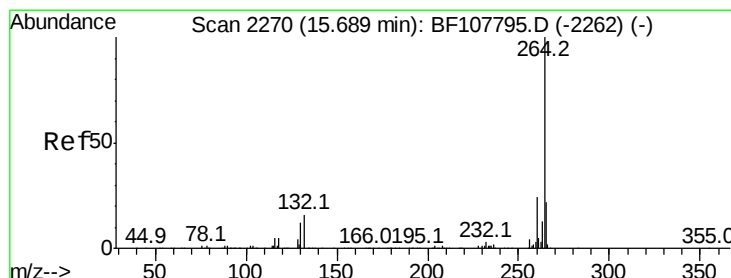
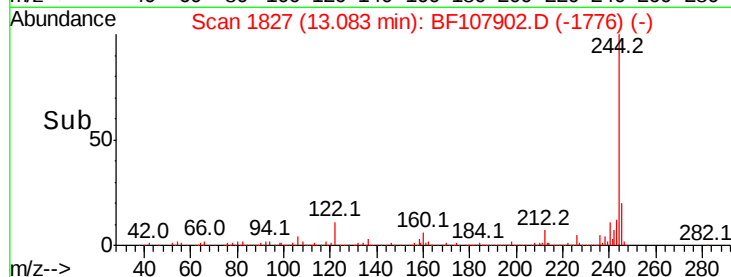
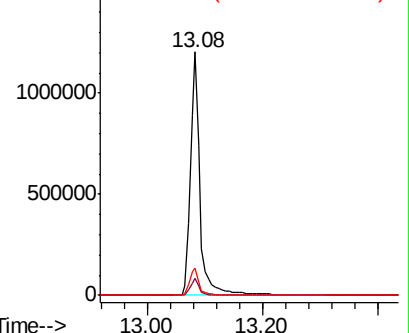
122 11.0 11.0 16.4



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. 0.00 min

Lab File: BF107902.D

Acq: 1 Aug 2018 21:11

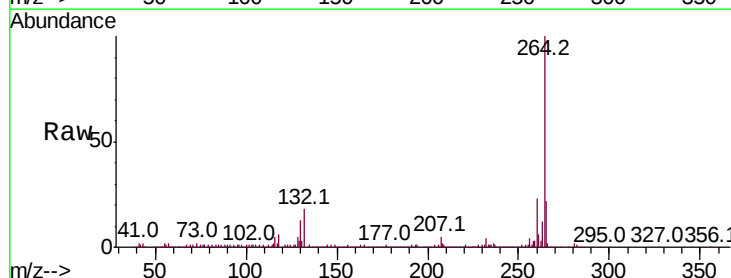
Tgt Ion:264 Resp: 401288

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.3 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

