

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107806.D
 Acq On : 30 Jul 2018 18:06
 Operator : JU/SJ
 Sample : J4189-26
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Jul 30 18:37:09 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	192635	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	824168	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	371621	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	799268	20.00	ng	0.00
75) Chrysene-d12	14.15	240	658904	20.00	ng	0.00
86) Perylene-d12	15.68	264	578539	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	686661	60.58	ng	0.00
7) Phenol-d6	6.60	99	617183	41.32	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1302614	91.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	623361	123.45	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	2295864	86.09	ng	0.00
78) Terphenyl-d14	13.08	244	2568283	84.52	ng	0.00

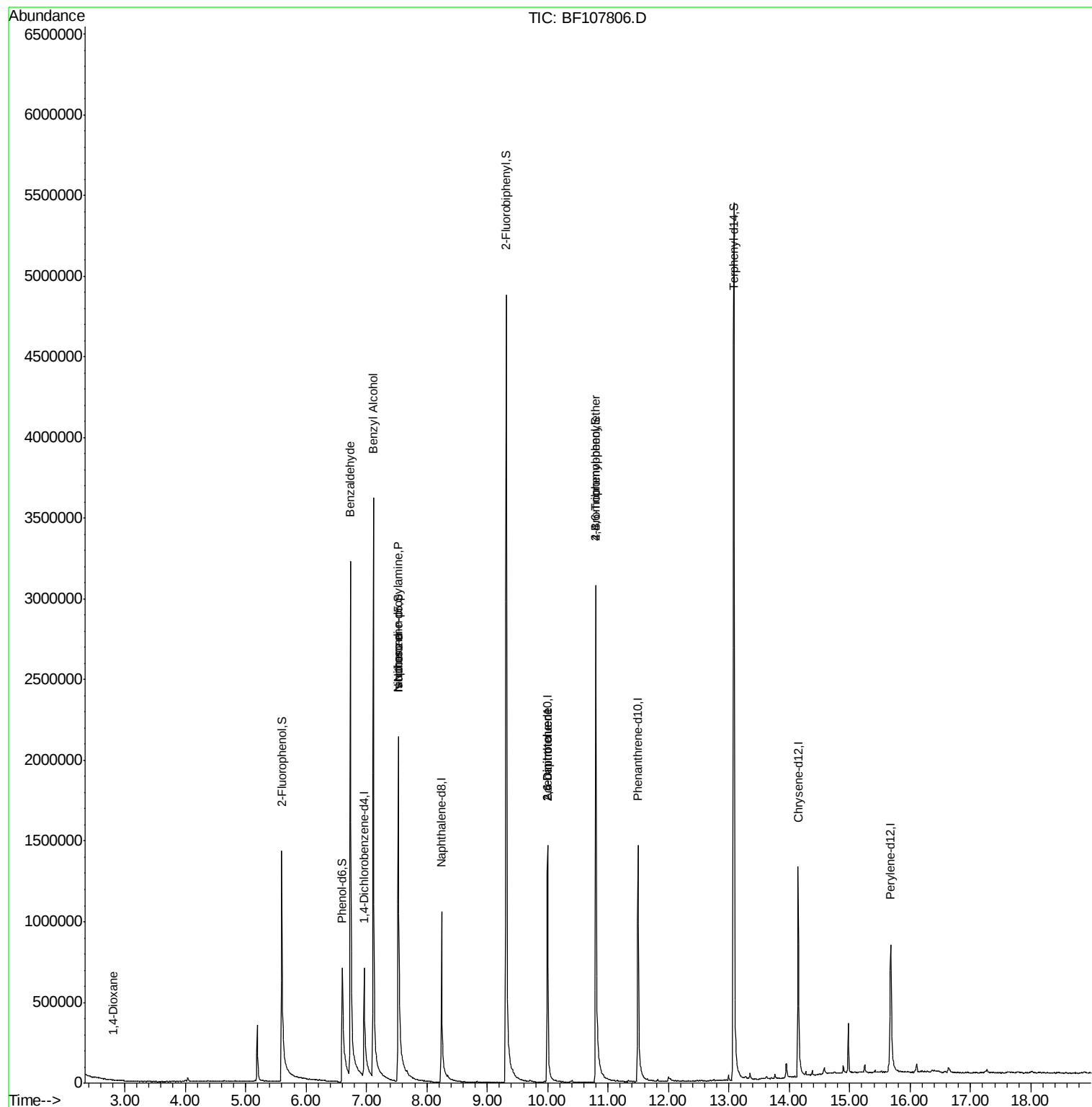
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	426	5.864	ng	# 1
9) Benzaldehyde	6.74	77	25716	2.853	ng	# 86
15) Benzyl Alcohol	7.11	79	19941	2.148	ng	# 43
19) n-Nitroso-di-n-propylamine	7.52	70	156594	16.525	ng	# 80
25) Isophorone	7.52	82	1322497	56.317	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	46140	7.607	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	47373	5.943	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	37308	4.005	ng	# 1

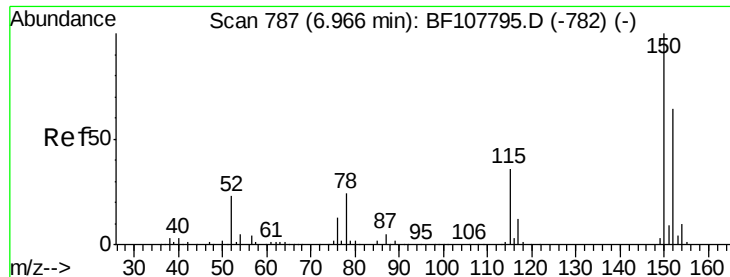
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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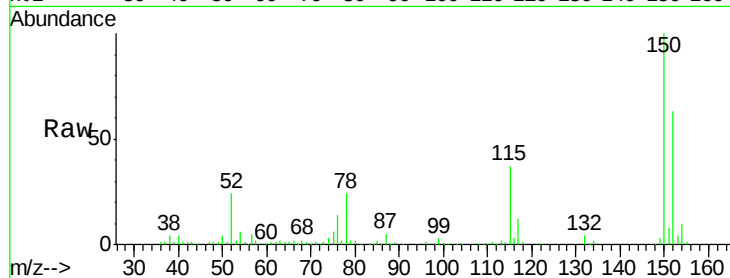


#1

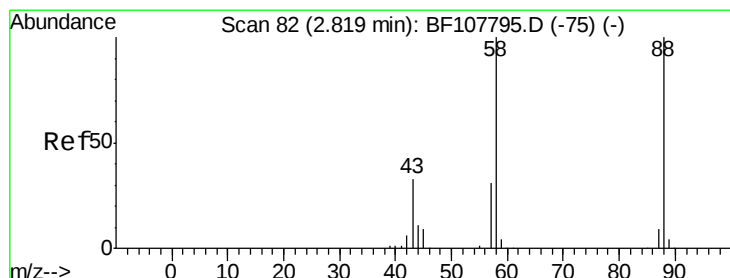
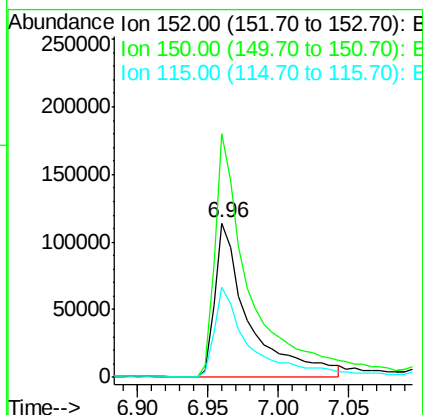
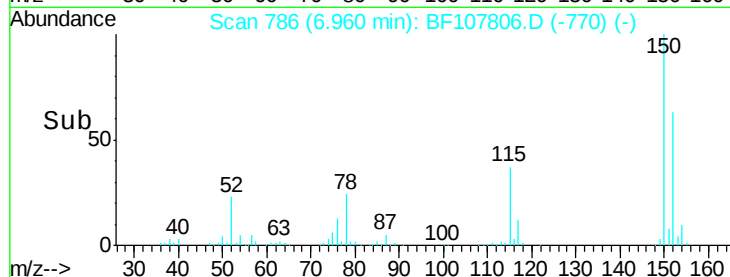
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107806.D
Acq: 30 Jul 2018 18:06

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion: 152 Resp: 192635
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 58.8 50.1 75.1



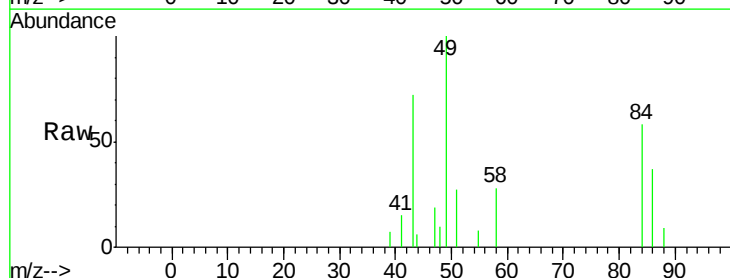
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



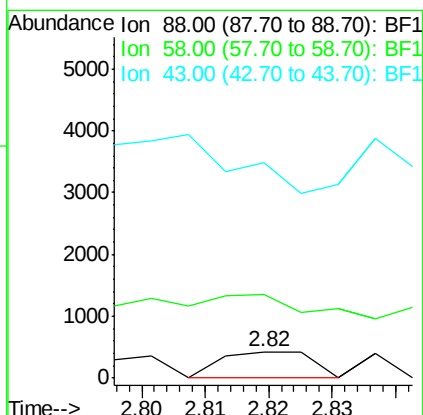
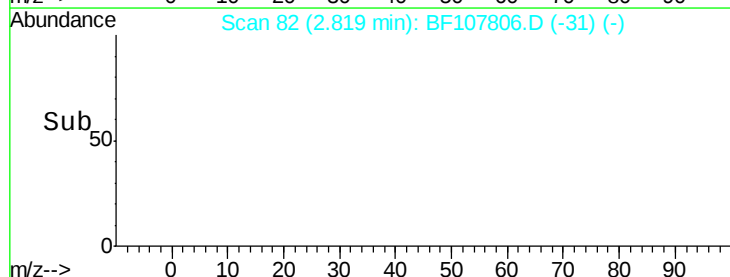
#2

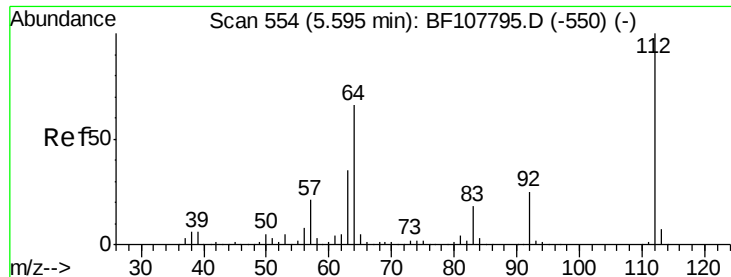
1,4-Dioxane
Concen: 5.864 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107806.D
Acq: 30 Jul 2018 18:06

Tgt Ion: 88 Resp: 426
Ion Ratio Lower Upper
88 100
58 160.6 62.6 93.8#
43 343.9 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: 60.582 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107806.D

Acq: 30 Jul 2018 18:06

Instrument :

BNA_F

ClientSampleId :

TP-12

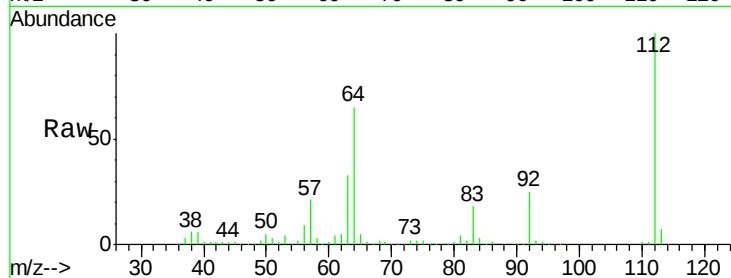
Tgt Ion: 112 Resp: 686661

Ion Ratio Lower Upper

112 100

64 65.3 47.9 71.9

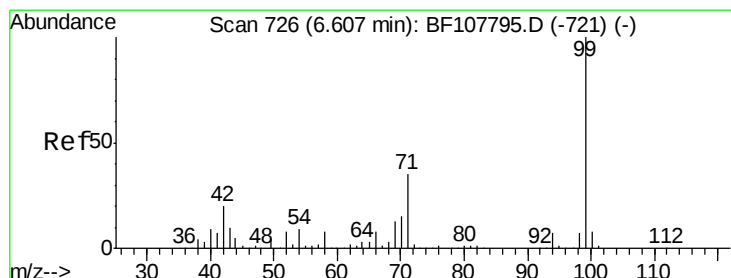
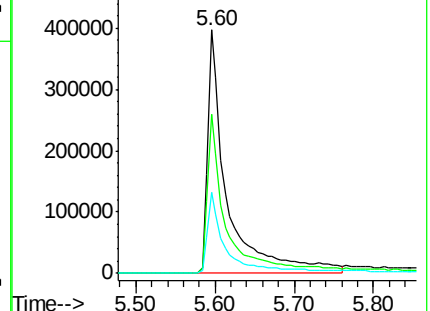
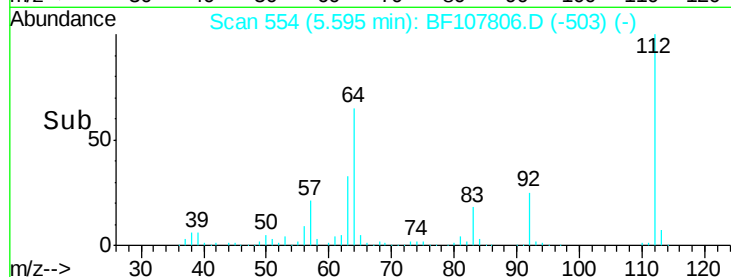
63 33.5 23.7 35.5



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: 41.316 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF107806.D

Acq: 30 Jul 2018 18:06

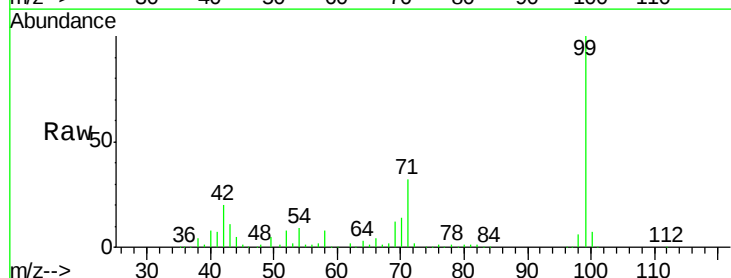
Tgt Ion: 99 Resp: 617183

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

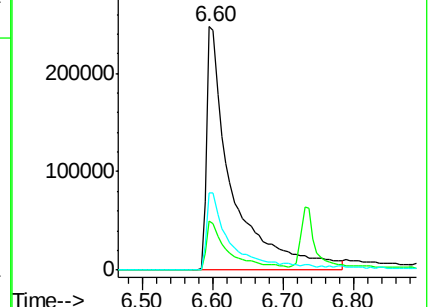
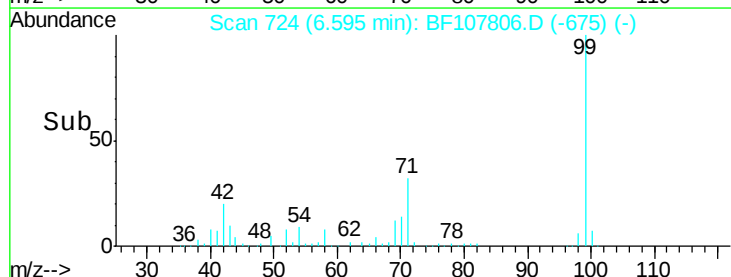
71 31.7 25.4 38.0

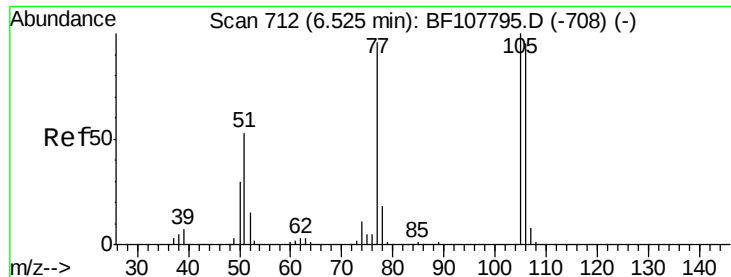


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 2.853 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF107806.D

Acq: 30 Jul 2018 18:06

Instrument :

BNA_F

ClientSampled :

TP-12

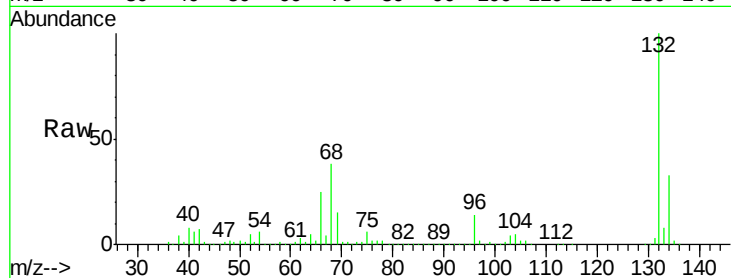
Tgt Ion: 77 Resp: 25716

Ion Ratio Lower Upper

77 100

105 87.7 81.1 121.1

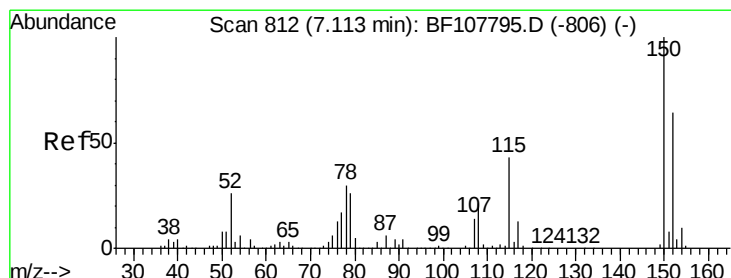
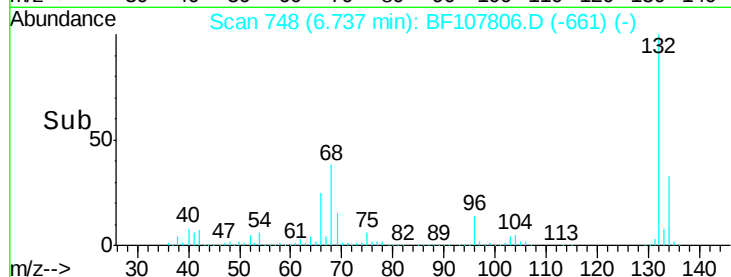
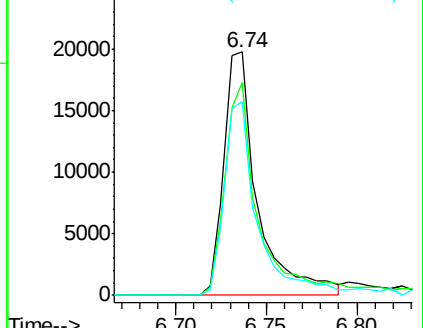
106 79.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#15

Benzyl Alcohol

Concen: 2.148 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107806.D

Acq: 30 Jul 2018 18:06

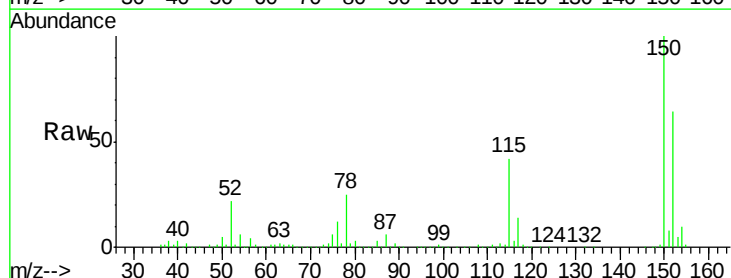
Tgt Ion: 79 Resp: 19941

Ion Ratio Lower Upper

79 100

108 28.6 65.1 97.7#

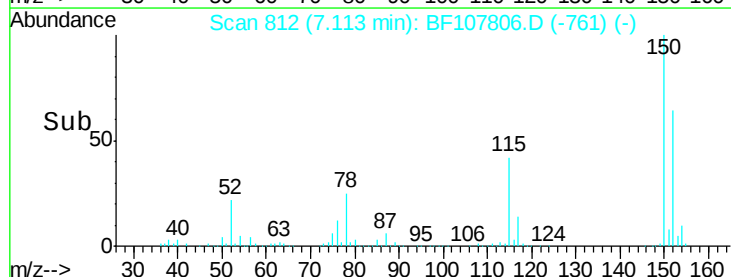
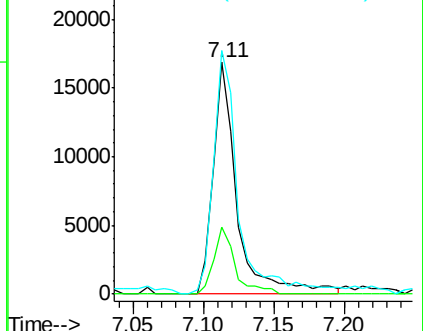
77 105.1 50.6 75.8#

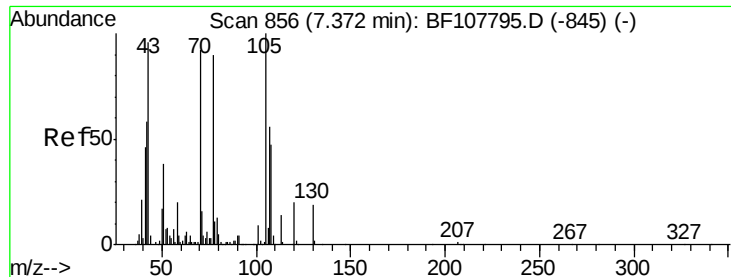


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF1

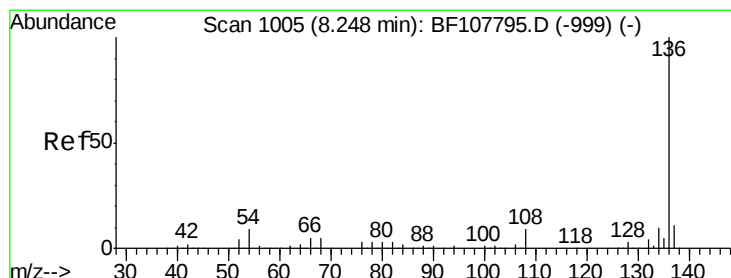
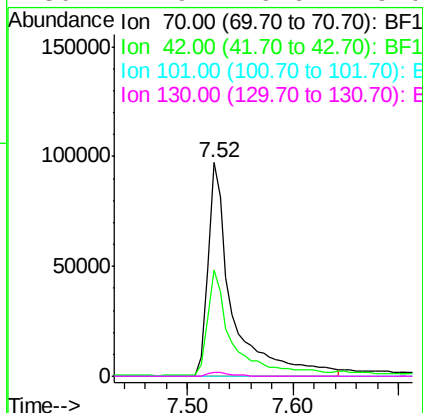
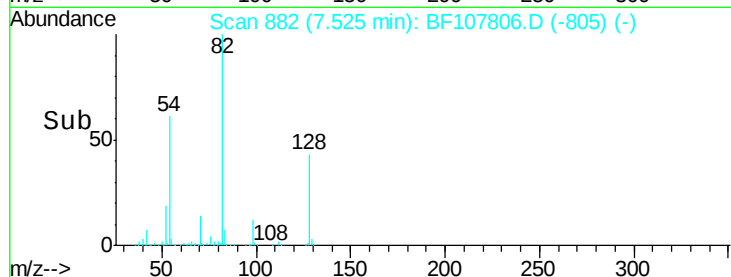
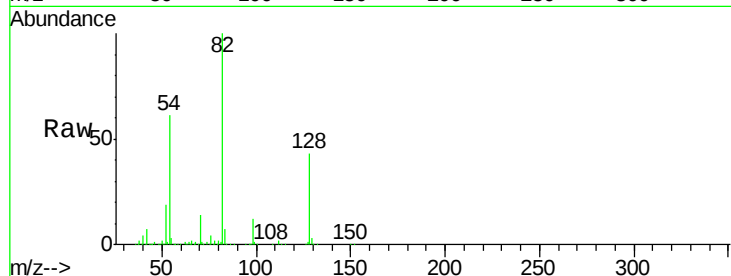




#19
n-Nitroso-di-n-propylamine
Concen: 16.525 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107806.D
Acq: 30 Jul 2018 18:06

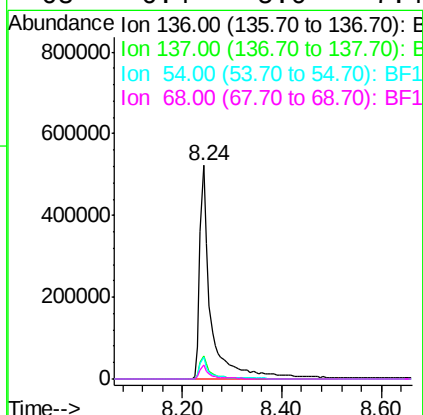
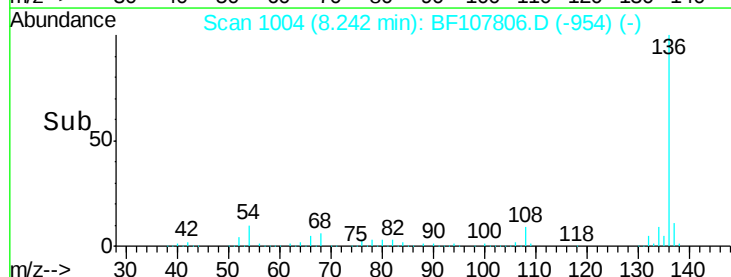
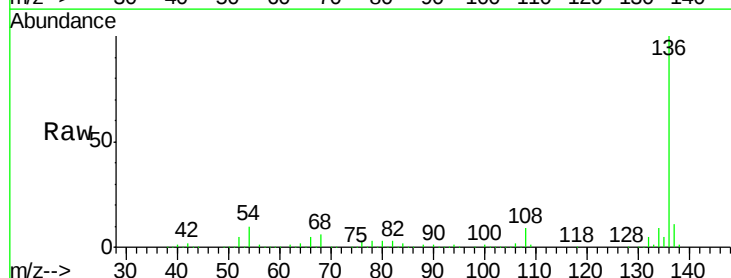
Instrument :
BNA_F
ClientSampled :
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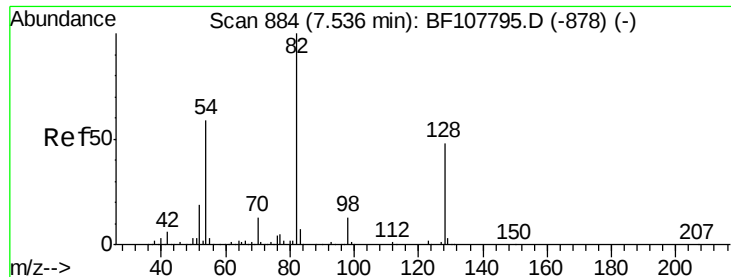
Tgt Ion: 70 Resp: 156594
Ion Ratio Lower Upper
70 100
42 50.0 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107806.D
Acq: 30 Jul 2018 18:06

Tgt Ion: 136 Resp: 824168
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.0 6.6 9.8#
68 6.4 5.0 7.4

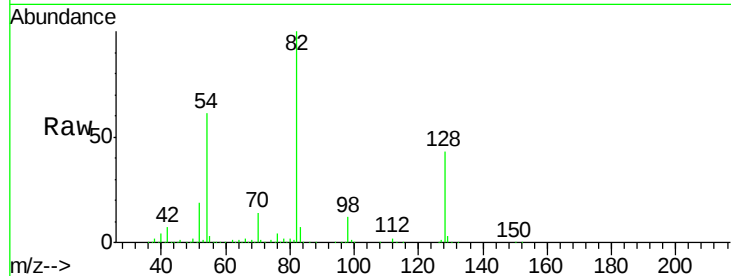




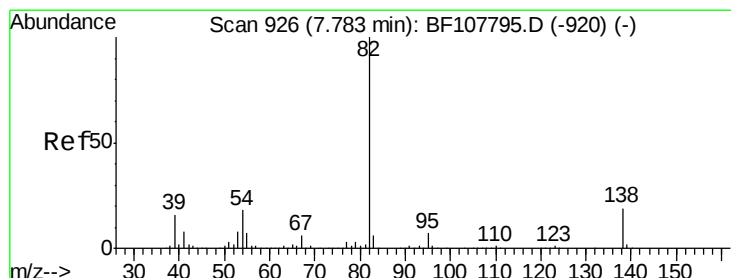
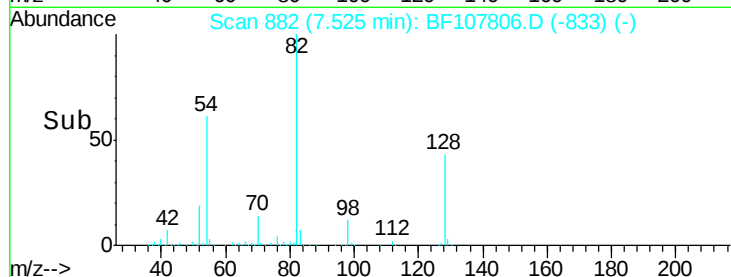
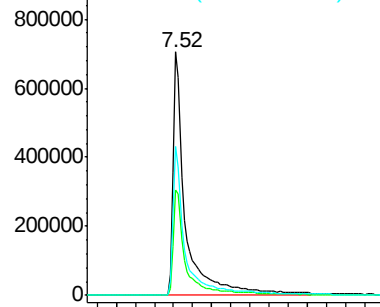
#23
 Nitrobenzene-d5
 Concen: 91.054 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107806.D
 Acq: 30 Jul 2018 18:06

Instrument :
 BNA_F
 ClientSampleID :
 TP-12

Tgt Ion: 82 Resp: 1302614
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.1 54.1
 54 61.3 41.4 62.2

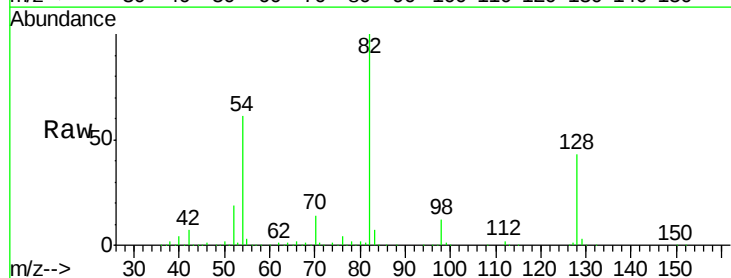


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

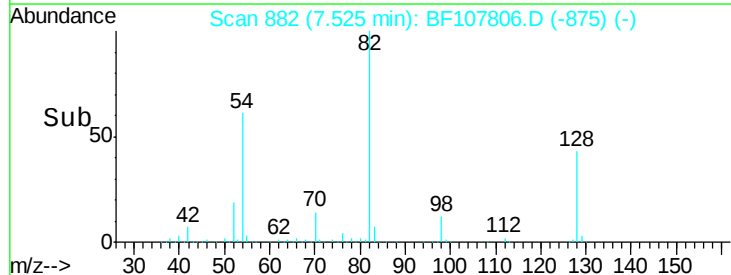
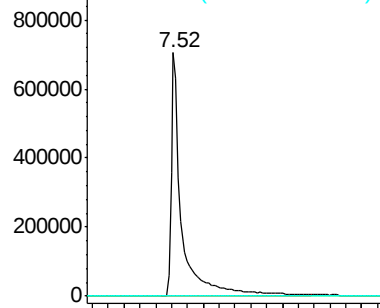


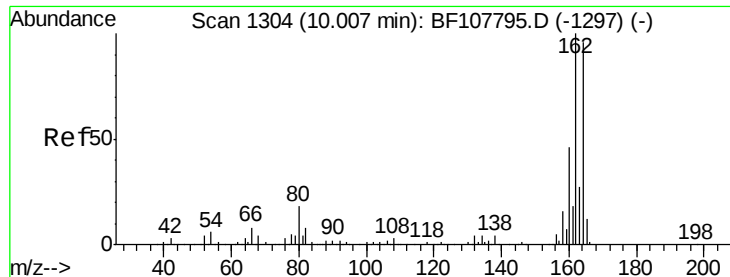
#25
 Isophorone
 Concen: 56.317 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF107806.D
 Acq: 30 Jul 2018 18:06

Tgt Ion: 82 Resp: 1322497
 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: BF107806.D

Acq: 30 Jul 2018 18:06

Instrument :

BNA_F

ClientSampleId :

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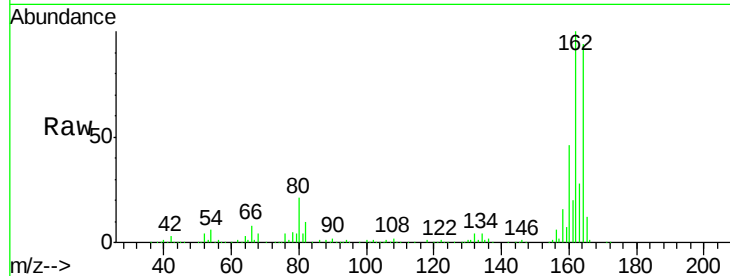
Tgt Ion:164 Resp: 371621

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

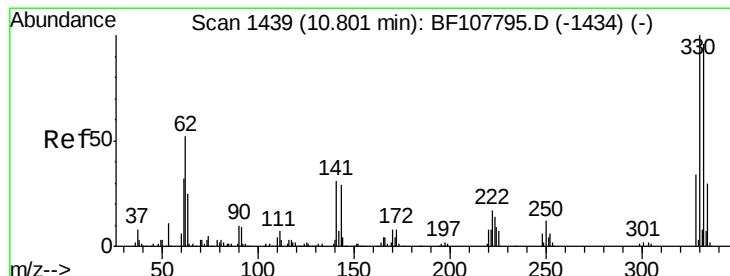
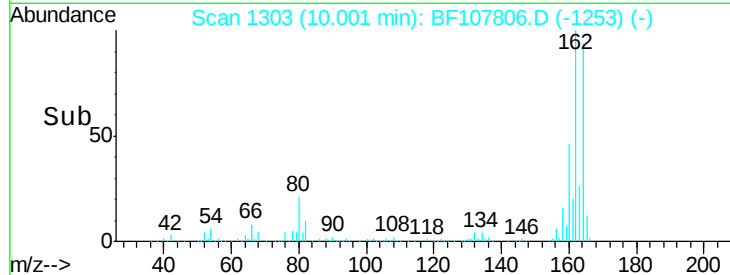
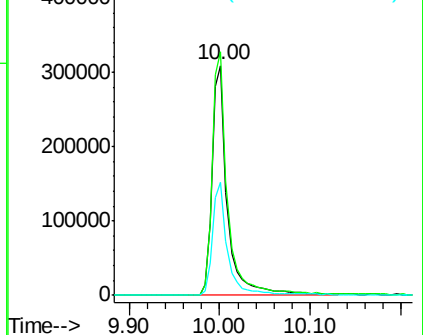
160 49.0 38.3 57.5



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: 123.448 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107806.D

Acq: 30 Jul 2018 18:06

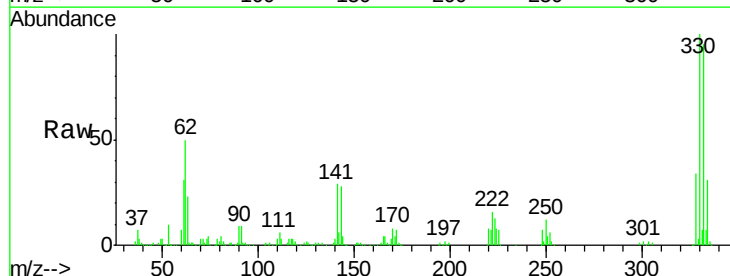
Tgt Ion:330 Resp: 623361

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

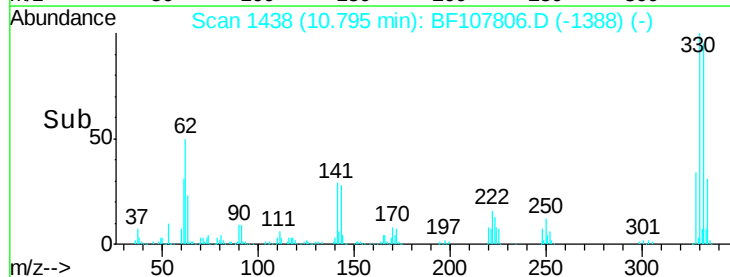
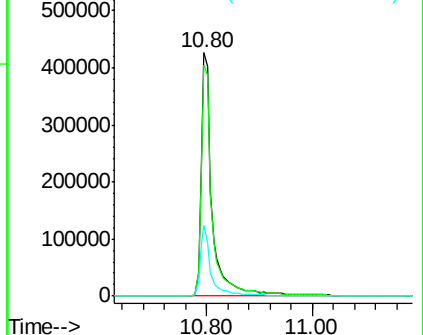
141 28.9 29.9 44.9#

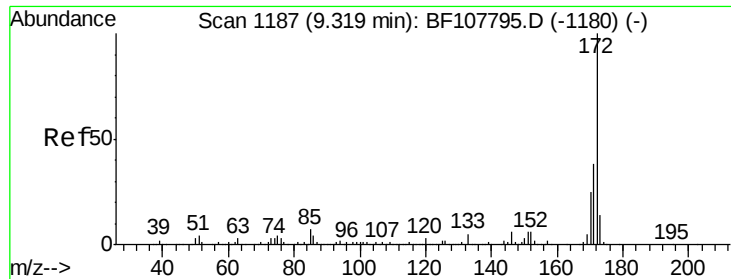


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

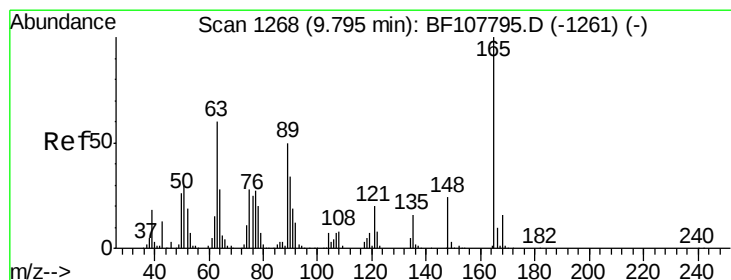
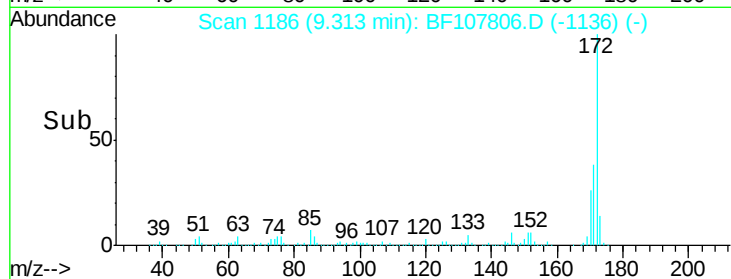
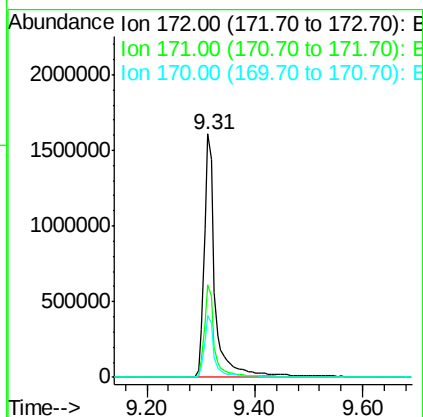
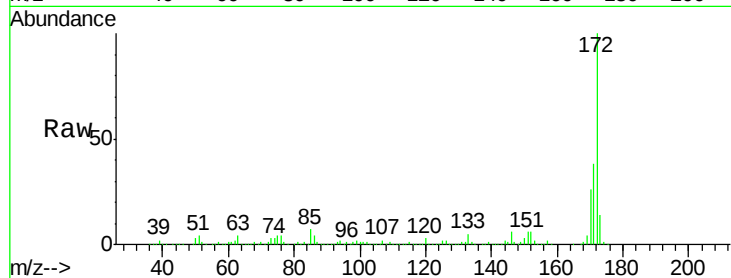




#44
 2-Fluorobiphenyl
 Concen: 86.089 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107806.D
 Acq: 30 Jul 2018 18:06

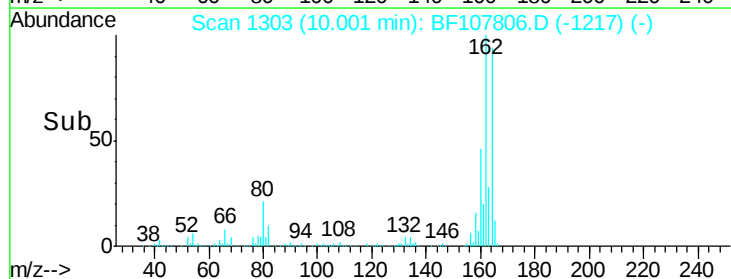
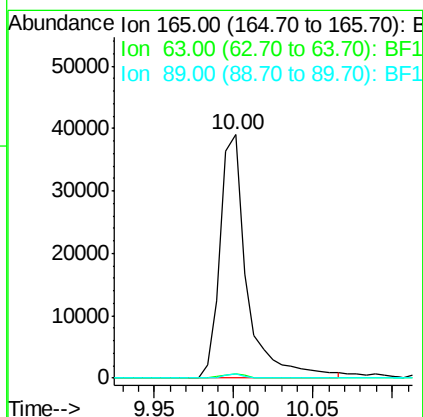
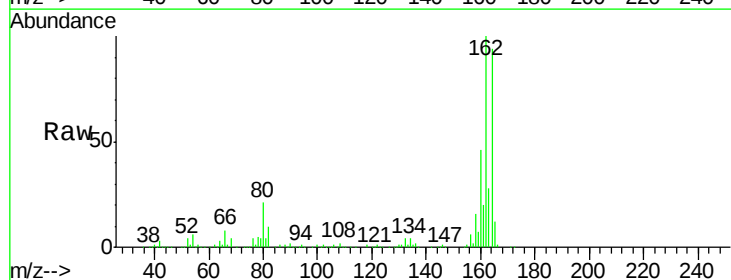
Instrument :
 BNA_F
 ClientSampleId :
 TP-12

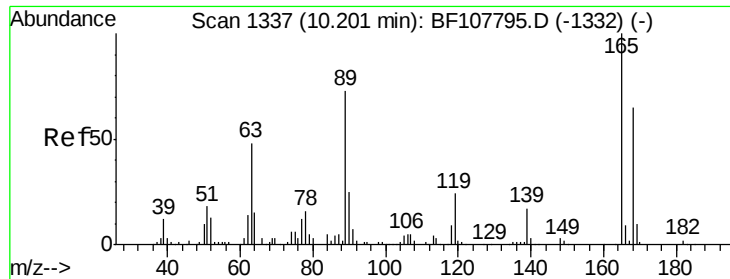
Tgt Ion:172 Resp: 2295864
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.7 44.5
 170 25.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.607 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF107806.D
 Acq: 30 Jul 2018 18:06

Tgt Ion:165 Resp: 46140
 Ion Ratio Lower Upper
 165 100
 63 2.0 44.7 67.1#
 89 1.7 44.0 66.0#

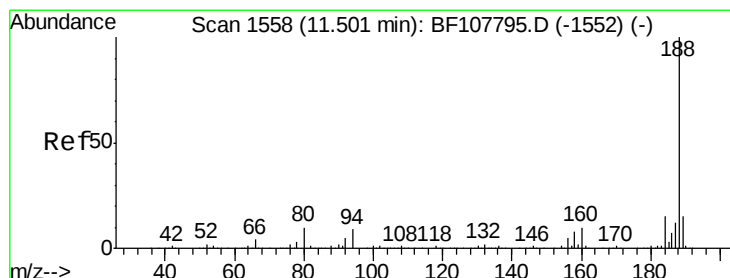
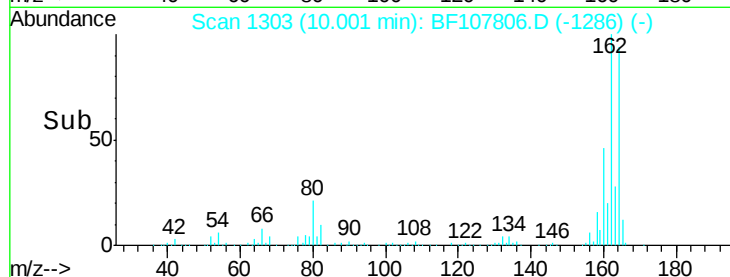
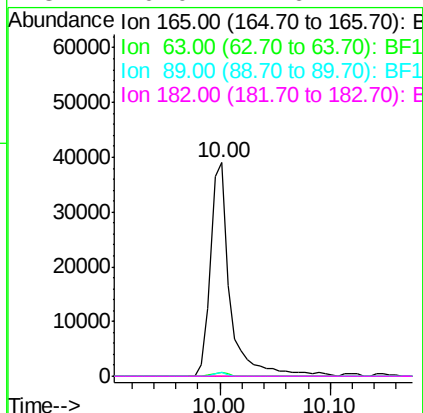
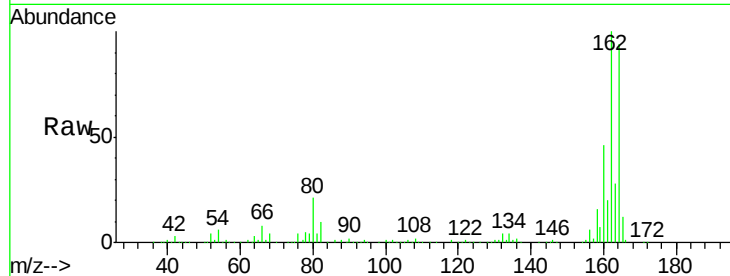




#56
2,4-Dinitrotoluene
Concen: 5.943 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107806.D
Acq: 30 Jul 2018 18:06

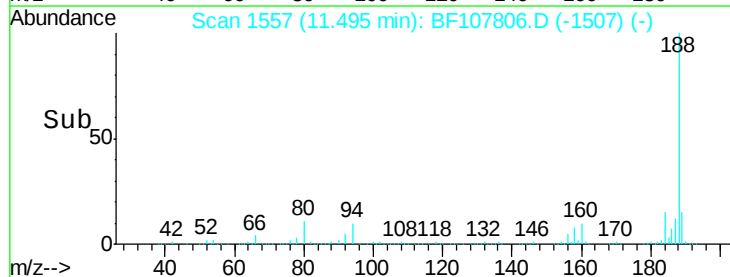
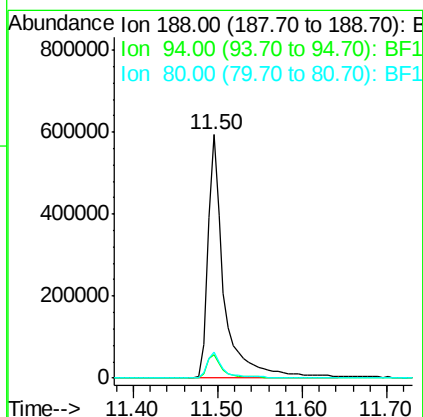
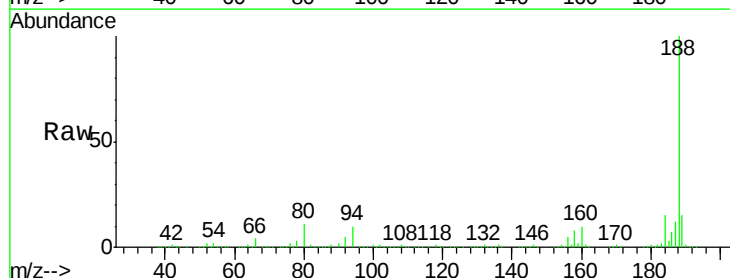
Instrument :
BNA_F
ClientSampleId :
TP-12

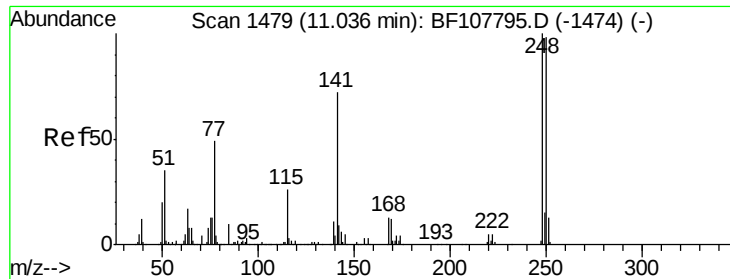
Tgt Ion:165 Resp: 47373
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107806.D
Acq: 30 Jul 2018 18:06

Tgt Ion:188 Resp: 799268
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 9.2 13.8

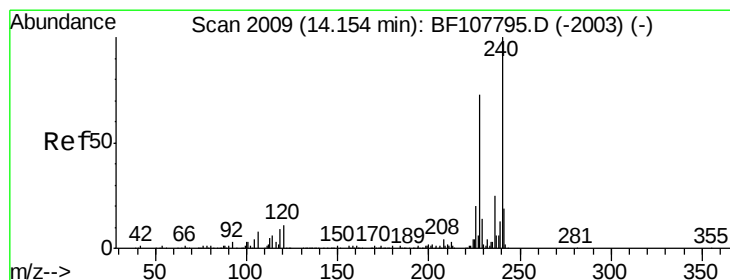
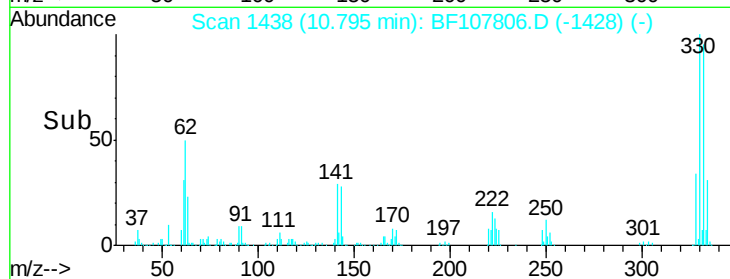
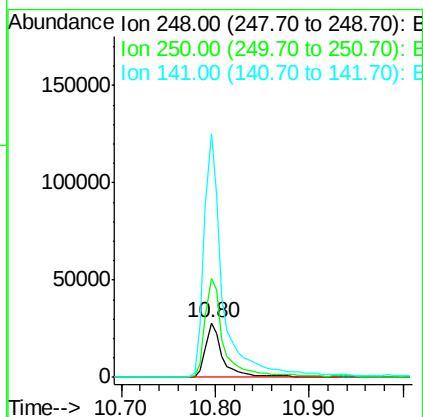
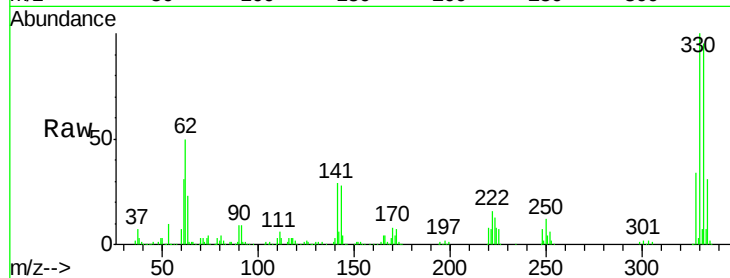




#66
4-Bromophenyl-phenylether
Concen: 4.005 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107806.D
Acq: 30 Jul 2018 18:06

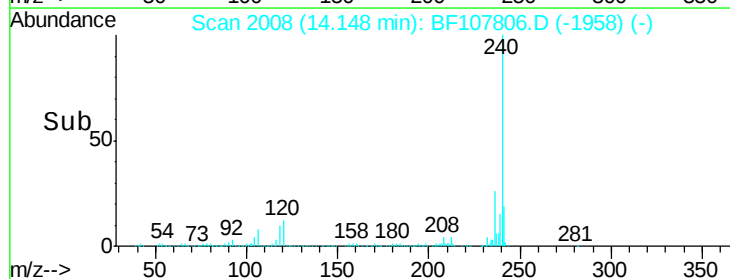
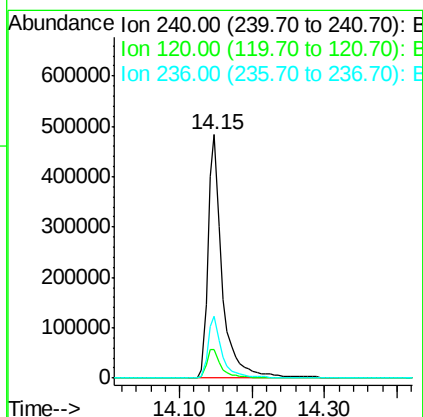
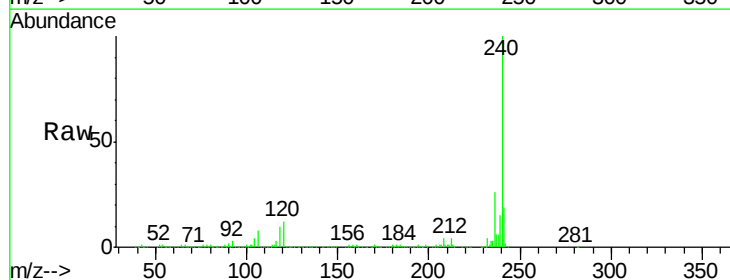
Instrument :
BNA_F
ClientSampleId :
TP-12

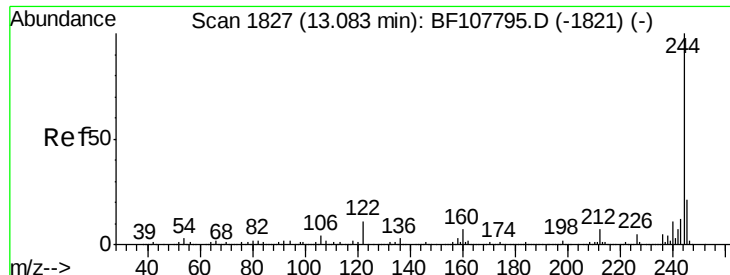
Tgt Ion:248 Resp: 37308
Ion Ratio Lower Upper
248 100
250 181.9 76.9 115.3#
141 447.0 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107806.D
Acq: 30 Jul 2018 18:06

Tgt Ion:240 Resp: 658904
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 84.521 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107806.D

Acq: 30 Jul 2018 18:06

Instrument :

BNA_F

ClientSampleId :

TP-12

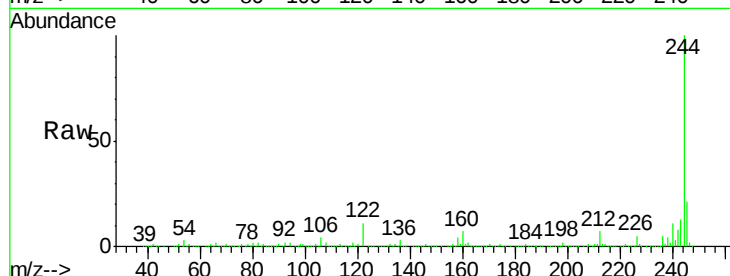
Tgt Ion:244 Resp: 2568283

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 11.3 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

2500000

2000000

1500000

1000000

500000

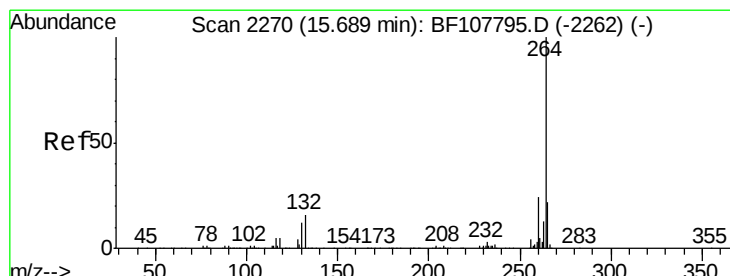
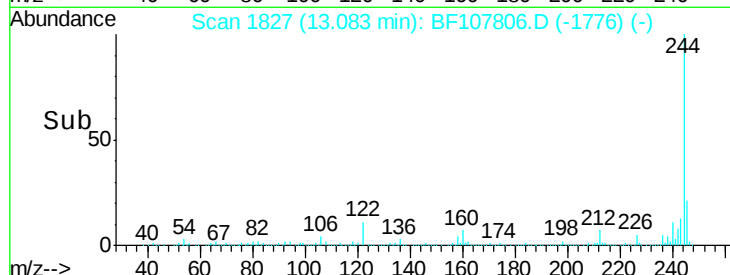
0

13.08

13.00

13.20

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF107806.D

Acq: 30 Jul 2018 18:06

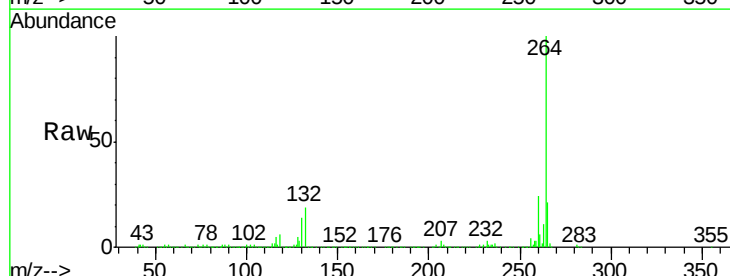
Tgt Ion:264 Resp: 578539

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 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

400000

300000

200000

100000

0

15.68

15.60

15.70

15.80

15.90

Time-->

