

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107847.D
 Acq On : 31 Jul 2018 12:49
 Operator : JU/SJ
 Sample : J4221-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ECMW-01

Quant Time: Jul 31 13:33:42 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	6.97	152	171494	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	713791	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	288616	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	496245	20.00	ng	0.00
75) Chrysene-d12	14.15	240	412782	20.00	ng	0.00
86) Perylene-d12	15.69	264	422416	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	669853	66.38	ng	0.00
7) Phenol-d6	6.60	99	595898	44.81	ng	0.00
23) Nitrobenzene-d5	7.53	82	1095307	88.40	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	423928	108.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1918189	92.61	ng	0.00
78) Terphenyl-d14	13.08	244	1494620	78.52	ng	0.00

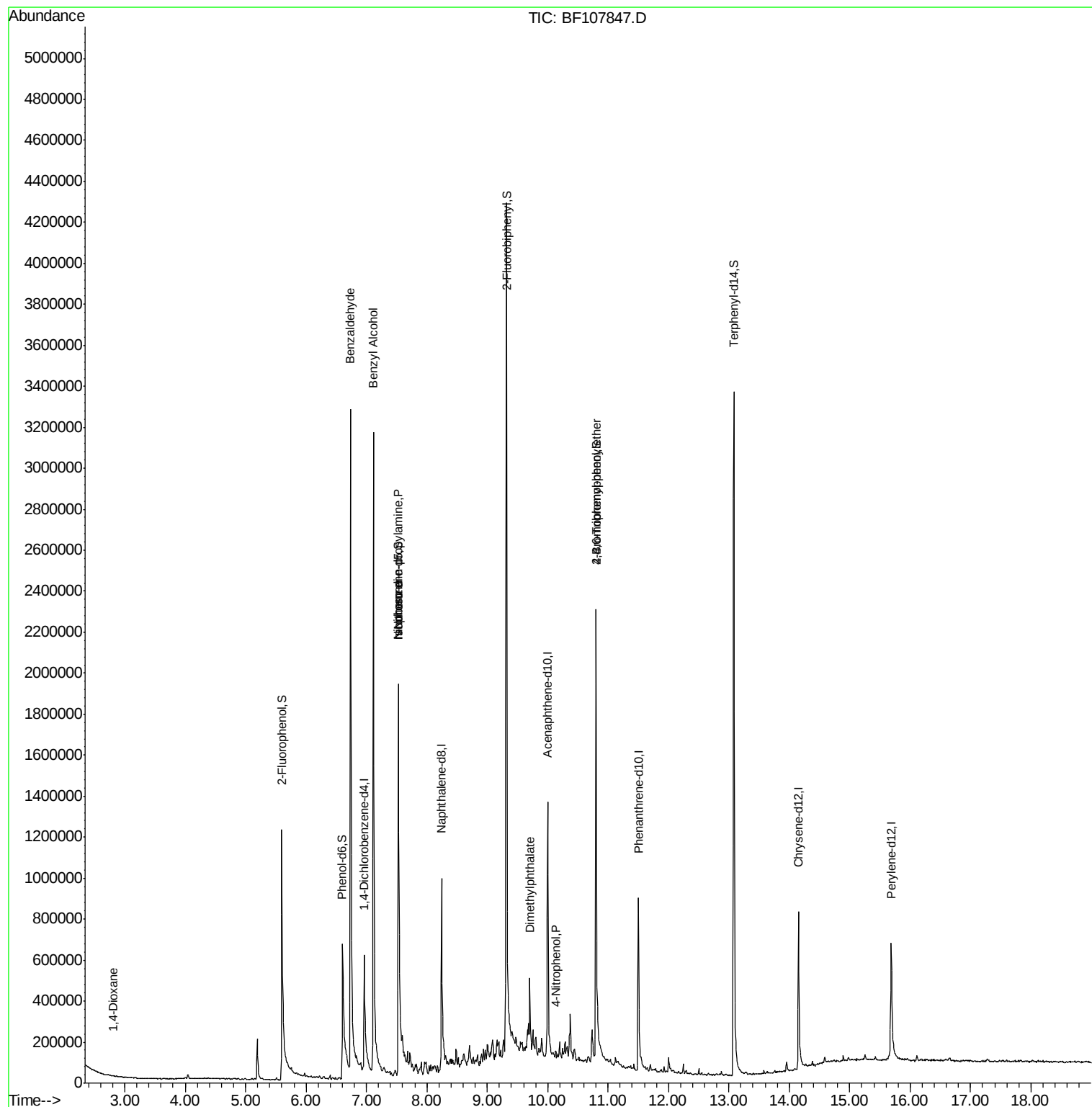
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	126	5.817	ng	# 1
9) Benzaldehyde	6.74	77	25161	3.136	ng	# 86
15) Benzyl Alcohol	7.12	79	18073	2.186	ng	# 43
19) n-Nitroso-di-n-propylamine	7.53	70	131266	15.560	ng	# 78
25) Isophorone	7.53	82	1095307	53.855	ng	# 64
49) Dimethylphthalate	9.71	163	177946	8.210	ng	# 100
55) 4-Nitrophenol	10.13	139	2941	10.243	ng	# 35
66) 4-Bromophenyl-phenylether	10.80	248	24015	4.152	ng	# 1

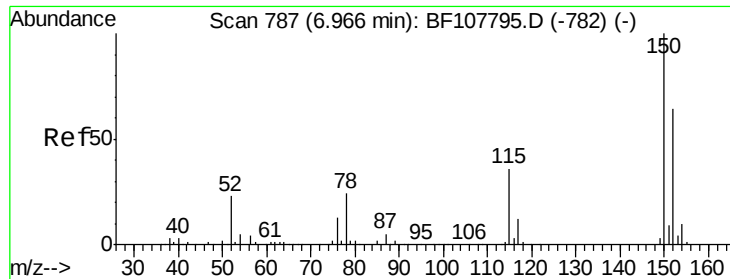
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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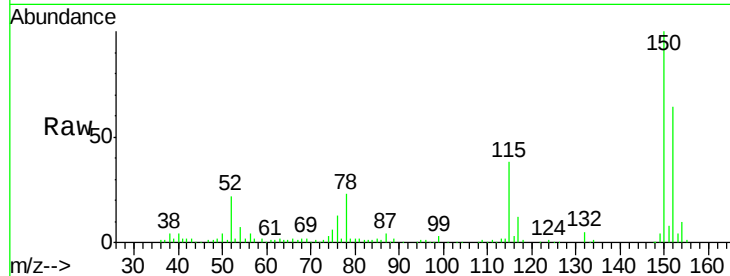


#1

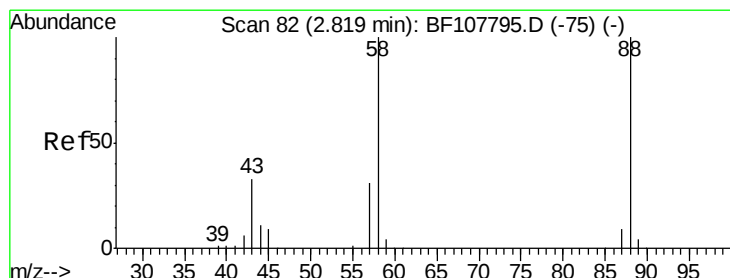
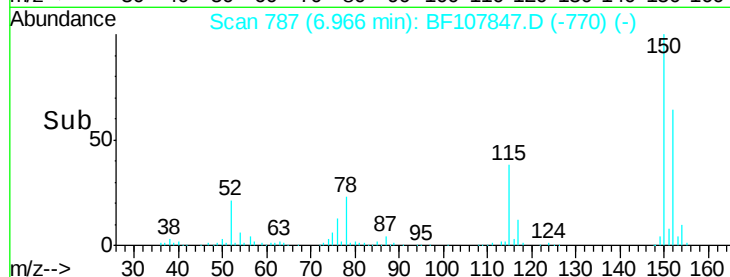
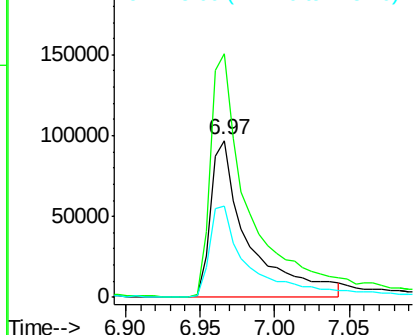
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107847.D
Acq: 31 Jul 2018 12:49

Instrument :
BNA_F
ClientSampleId :
ECMW-01

Tgt Ion:152 Resp: 171494
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 58.4 50.1 75.1



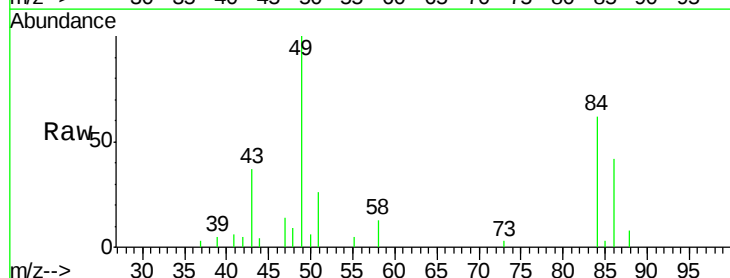
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



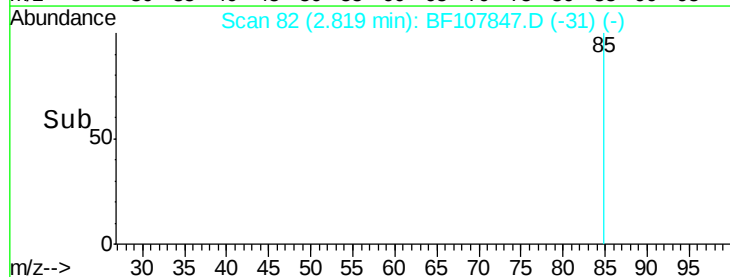
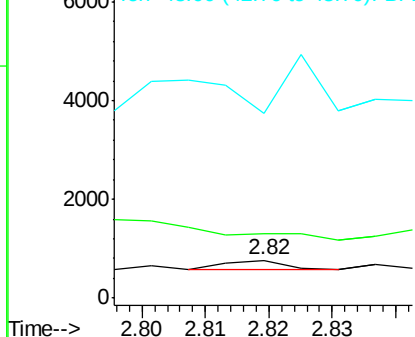
#2

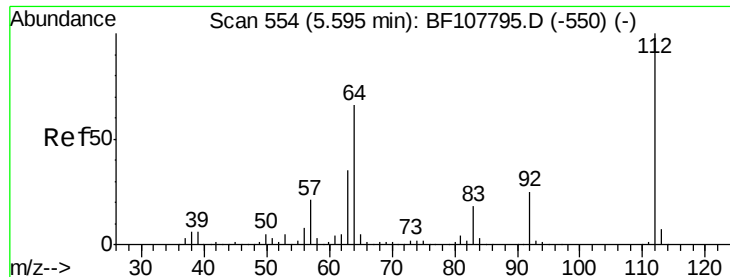
1,4-Dioxane
Concen: 5.817 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107847.D
Acq: 31 Jul 2018 12:49

Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 565.9 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: 66.384 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107847.D

Acq: 31 Jul 2018 12:49

Instrument :

BNA_F

ClientSampleId :

ECMW-01

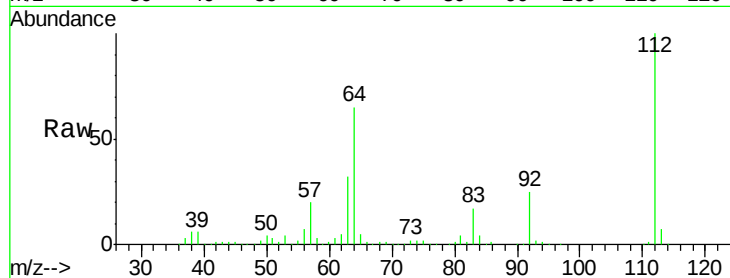
Tgt Ion: 112 Resp: 669853

Ion Ratio Lower Upper

112 100

64 65.1 47.9 71.9

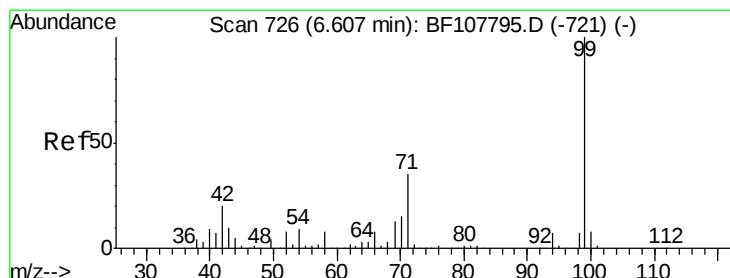
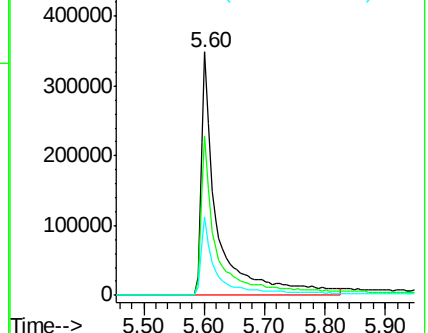
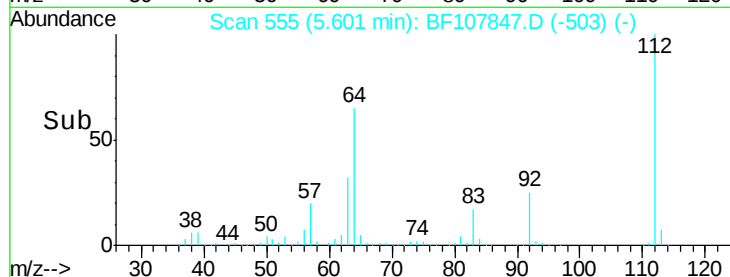
63 32.2 23.7 35.5



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: 44.808 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107847.D

Acq: 31 Jul 2018 12:49

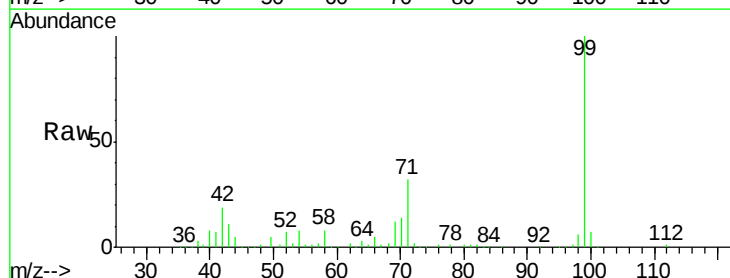
Tgt Ion: 99 Resp: 595898

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

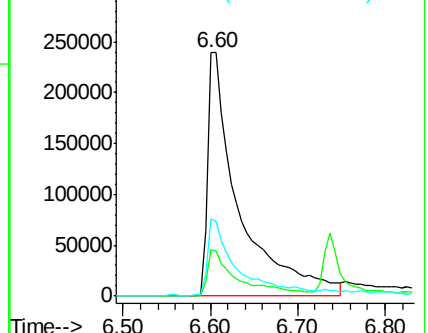
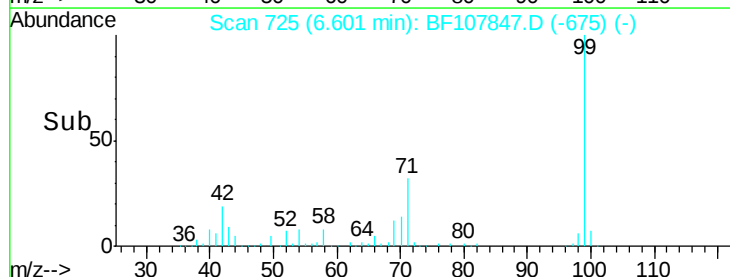
71 31.6 25.4 38.0

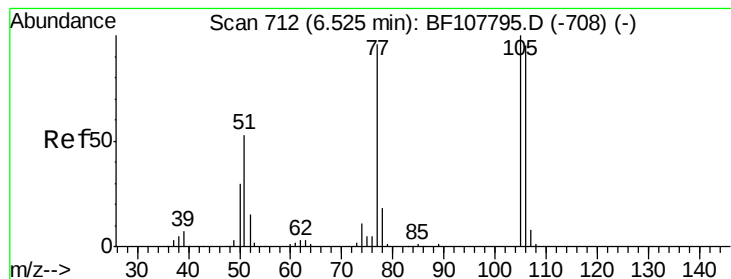


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 3.136 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF107847.D

Acq: 31 Jul 2018 12:49

Instrument :

BNA_F

ClientSampled :

ECMW-01

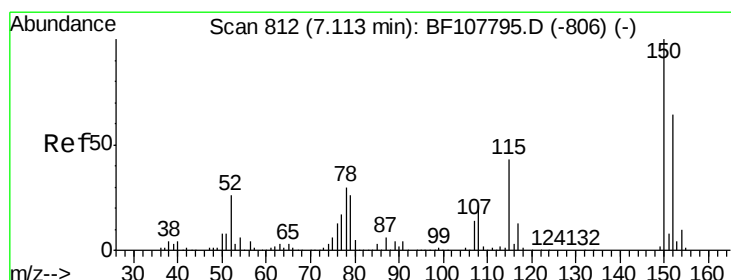
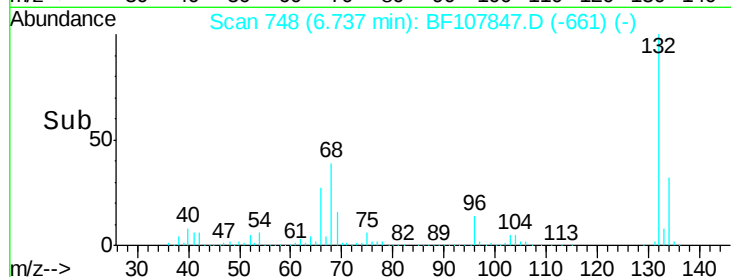
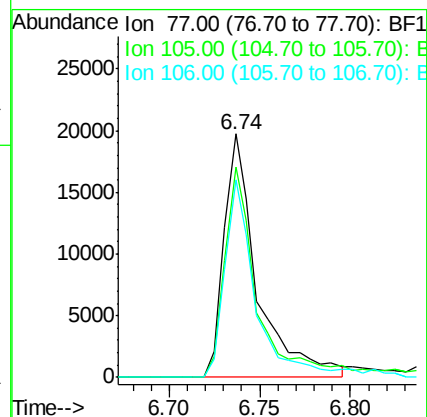
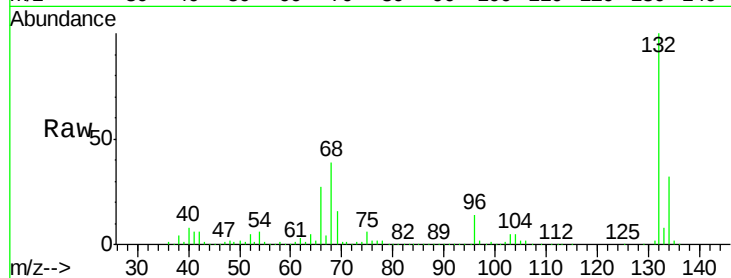
Tgt Ion: 77 Resp: 25161

Ion Ratio Lower Upper

77 100

105 86.3 81.1 121.1

106 80.9 74.5 114.5



#15

Benzyl Alcohol

Concen: 2.186 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF107847.D

Acq: 31 Jul 2018 12:49

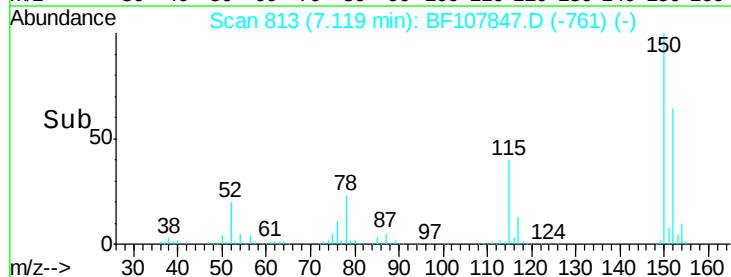
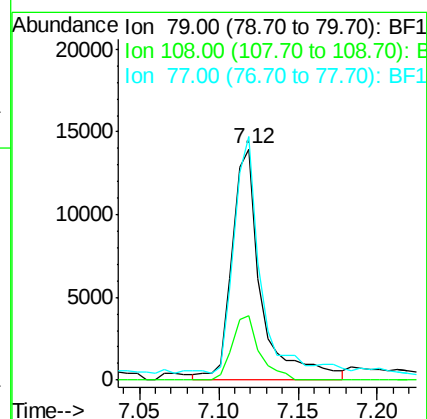
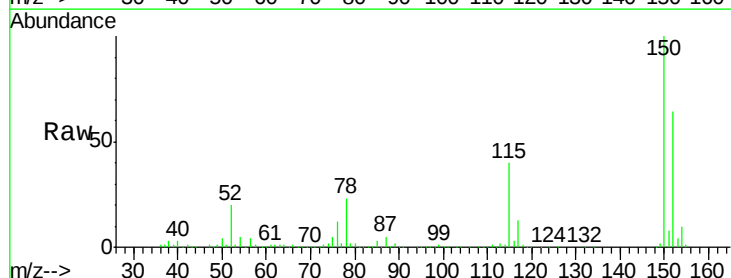
Tgt Ion: 79 Resp: 18073

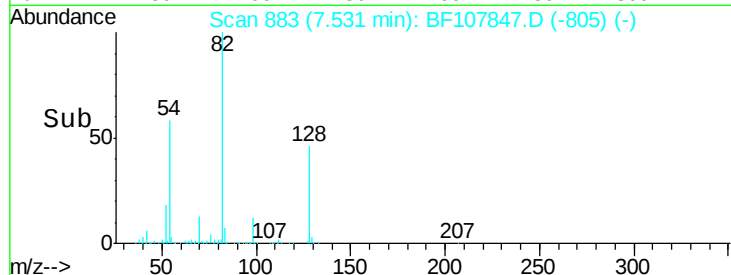
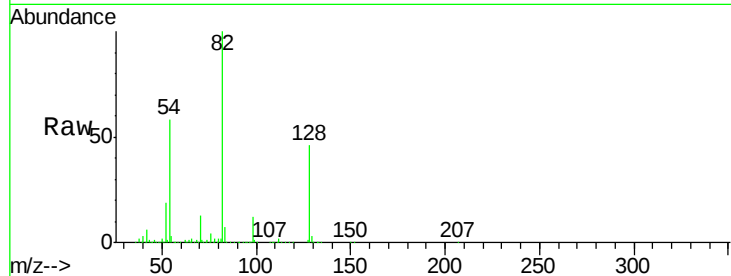
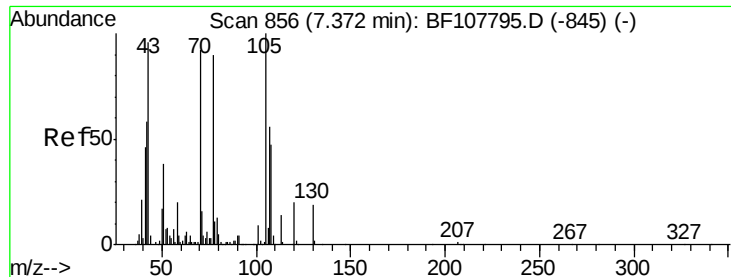
Ion Ratio Lower Upper

79 100

108 28.2 65.1 97.7#

77 105.5 50.6 75.8#

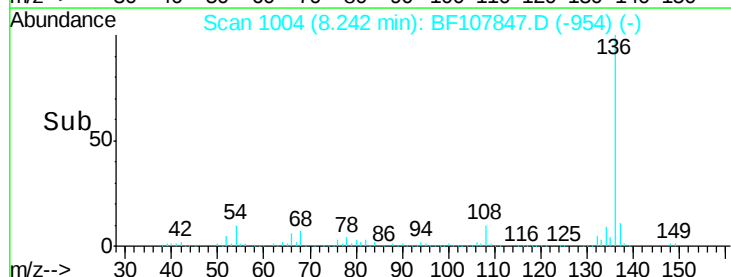
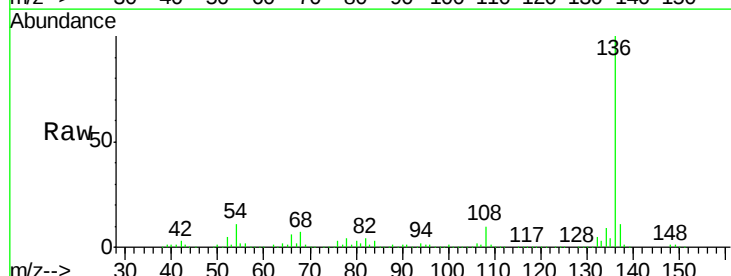
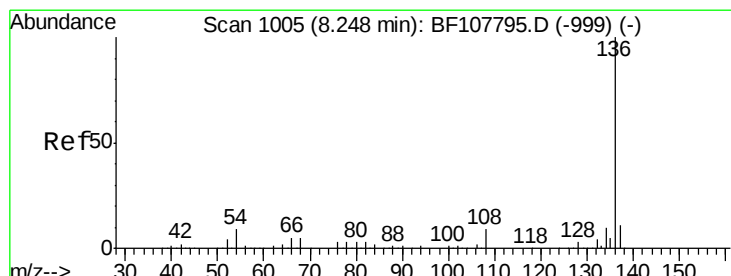
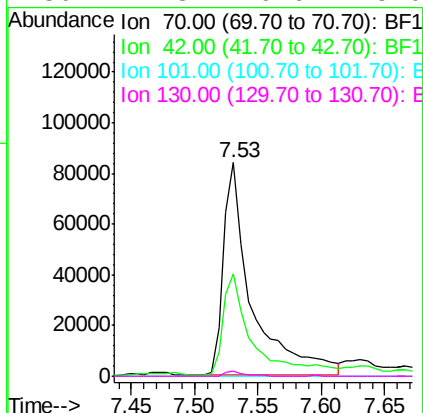




#19
n-Nitroso-di-n-propylamine
Concen: 15.560 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107847.D
Acq: 31 Jul 2018 12:49

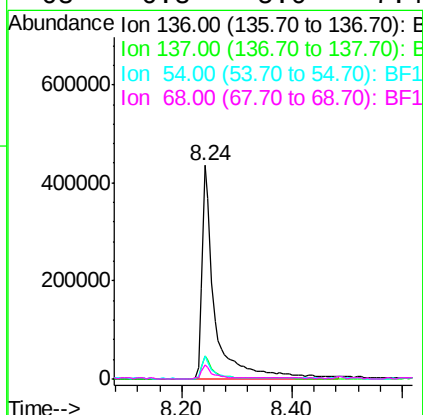
Instrument :
BNA_F
ClientSampleId :
ECMW-01

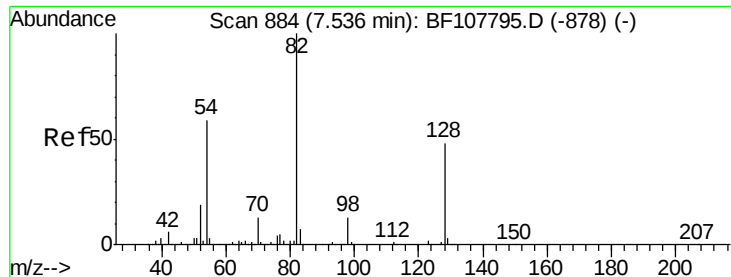
Tgt Ion: 70 Resp: 131266
Ion Ratio Lower Upper
70 100
42 47.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107847.D
Acq: 31 Jul 2018 12:49

Tgt Ion: 136 Resp: 713791
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.6 6.6 9.8#
68 6.8 5.0 7.4

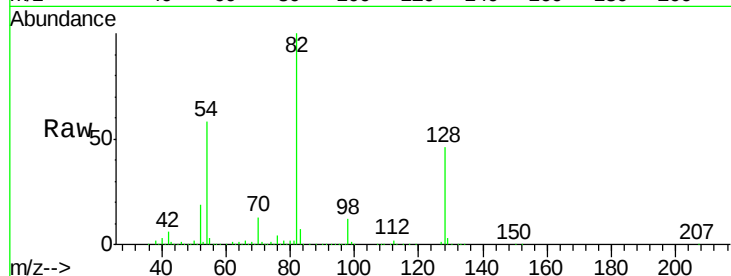




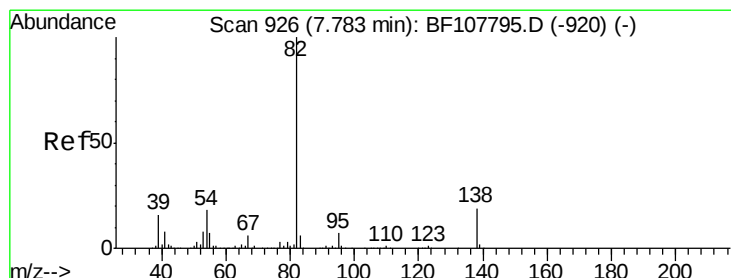
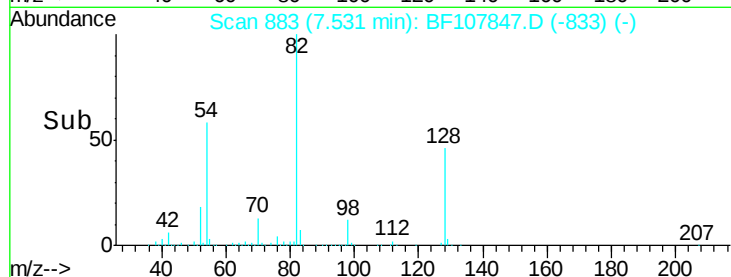
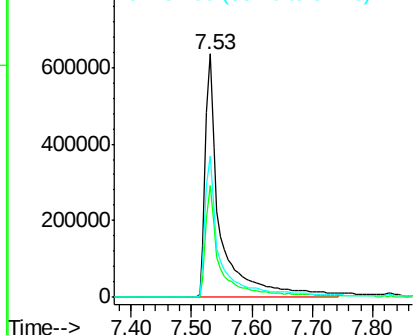
#23
Nitrobenzene-d5
Concen: 88.403 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107847.D
Acq: 31 Jul 2018 12:49

Instrument :
BNA_F
ClientSampleId :
ECMW-01

Tgt Ion: 82 Resp: 1095307
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 58.2 41.4 62.2

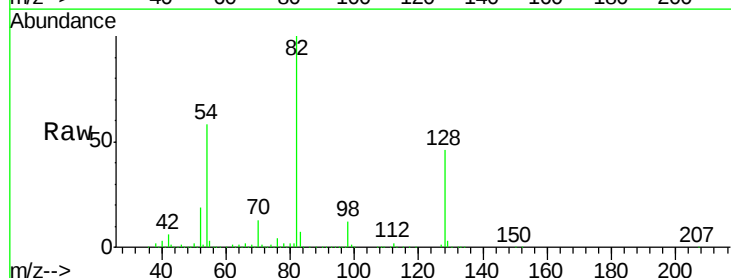


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

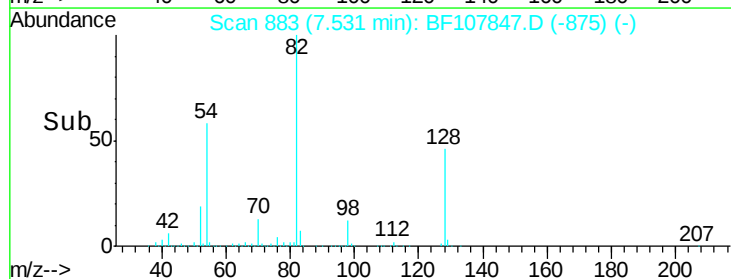
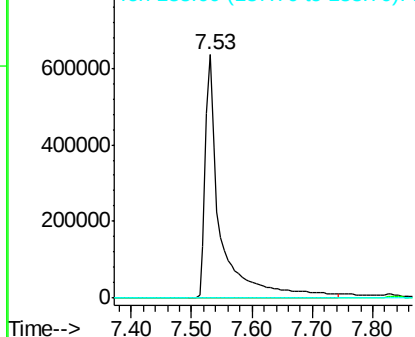


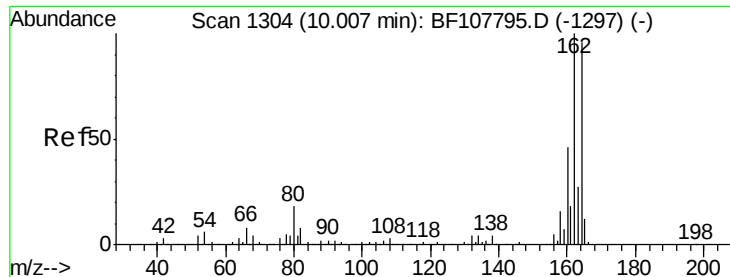
#25
Isophorone
Concen: 53.855 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107847.D
Acq: 31 Jul 2018 12:49

Tgt Ion: 82 Resp: 1095307
Ion Ratio Lower Upper
82 100
95 0.1 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: BF107847.D

Acq: 31 Jul 2018 12:49

Instrument :

BNA_F

ClientSampleId :

ECMW-01

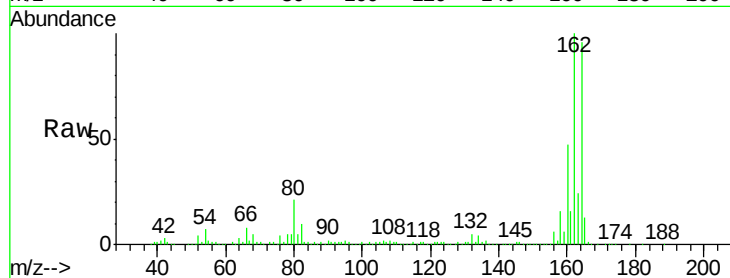
Tgt Ion:164 Resp: 288616

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

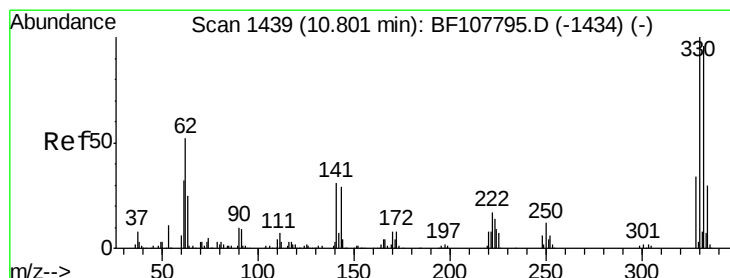
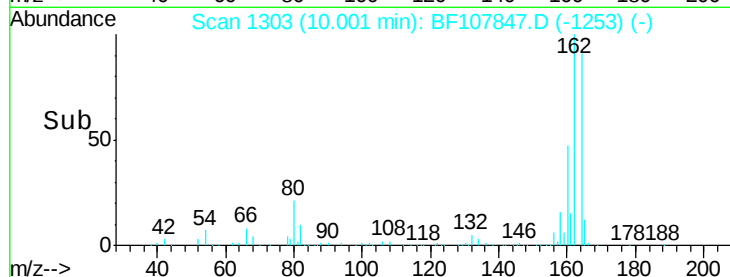
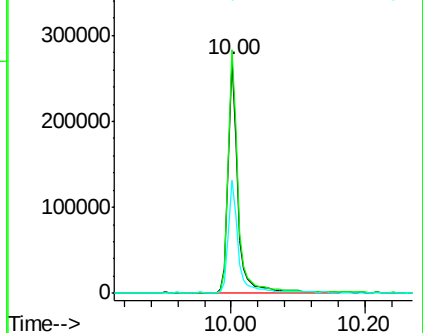
160 48.6 38.3 57.5



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: 108.098 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF107847.D

Acq: 31 Jul 2018 12:49

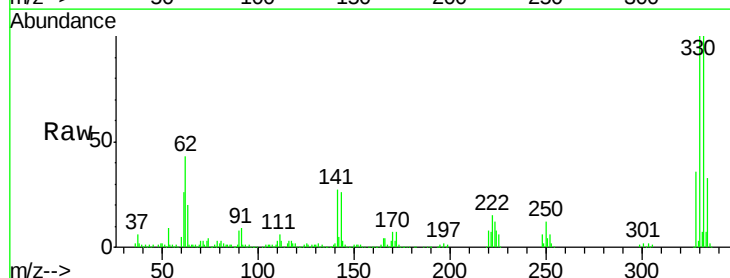
Tgt Ion:330 Resp: 423928

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

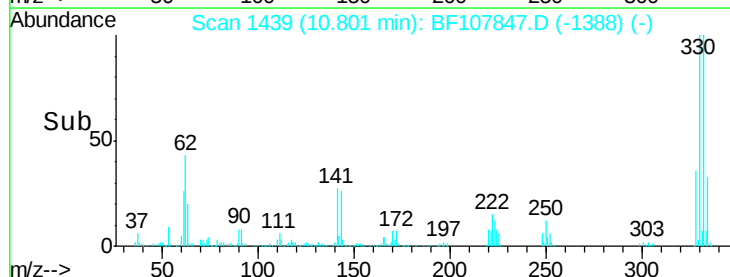
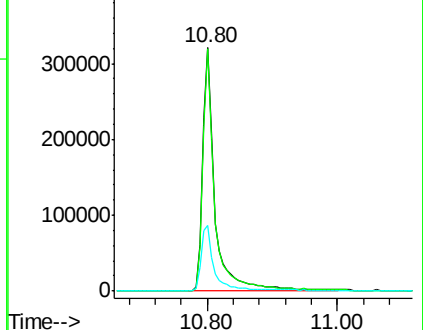
141 28.0 29.9 44.9#

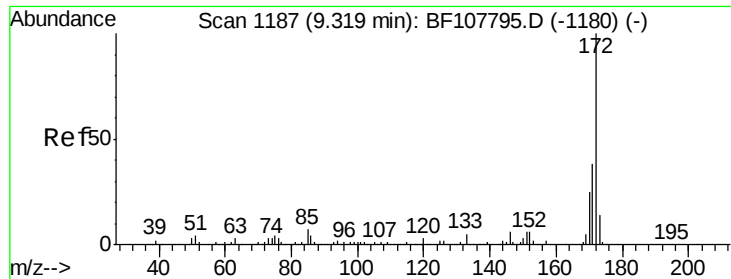


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

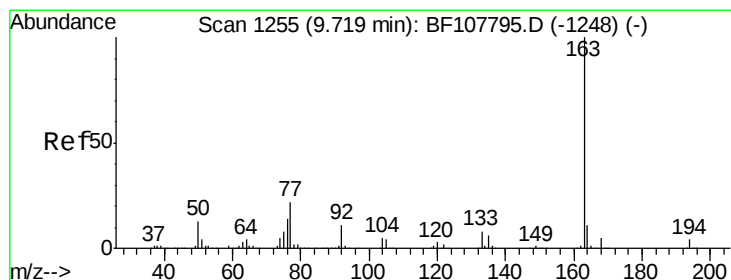
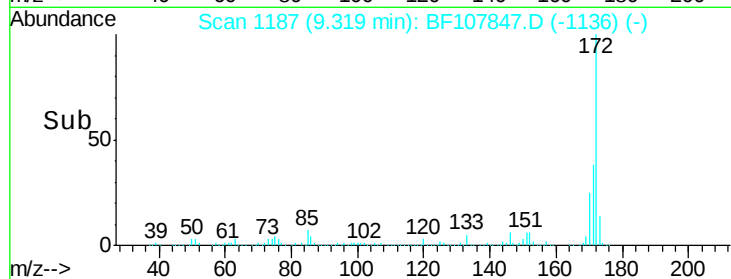
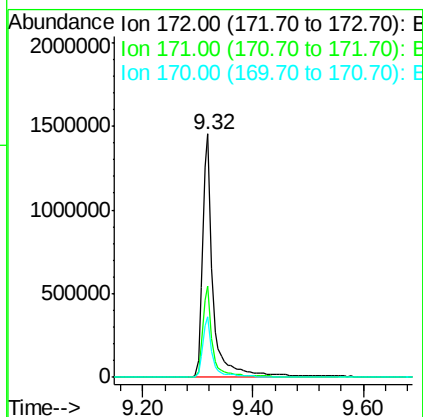
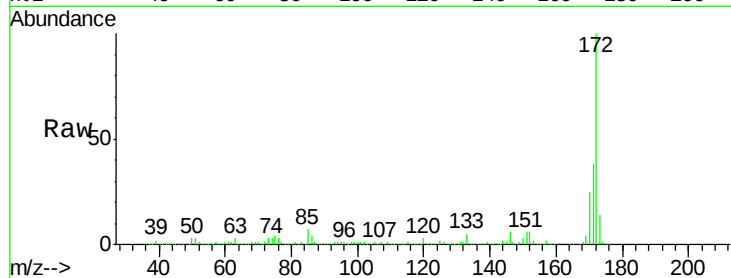




#44
2-Fluorobiphenyl
Concen: 92.614 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107847.D
Acq: 31 Jul 2018 12:49

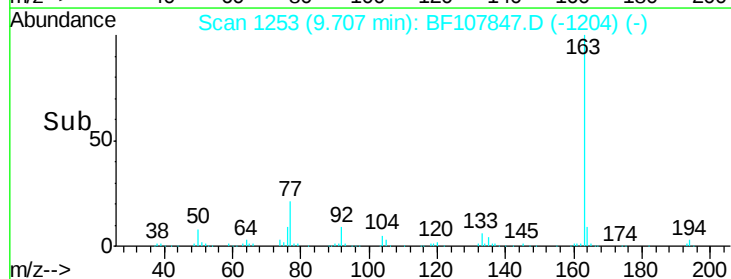
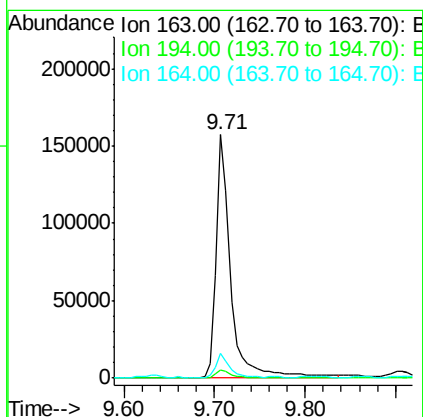
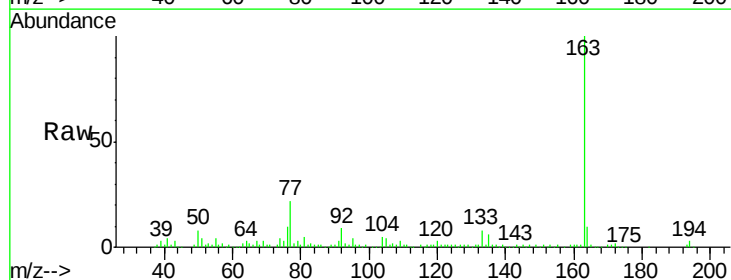
Instrument :
BNA_F
ClientSampleId :
ECMW-01

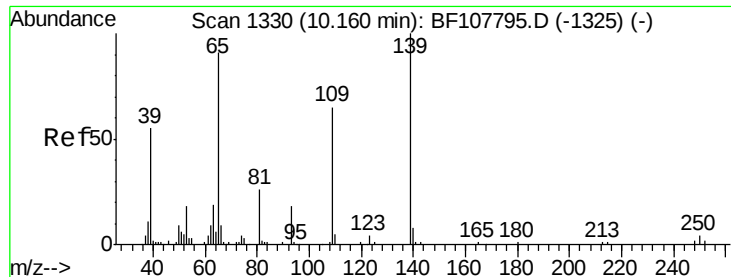
Tgt Ion:172 Resp: 1918189
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 24.8 19.6 29.4



#49
Dimethylphthalate
Concen: 8.210 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107847.D
Acq: 31 Jul 2018 12:49

Tgt Ion:163 Resp: 177946
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2





#55

4-Nitrophenol

Concen: 10.243 ng

RT: 10.13 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BF107847.D

Acq: 31 Jul 2018 12:49

Instrument :

BNA_F

ClientSampleId :

ECMW-01

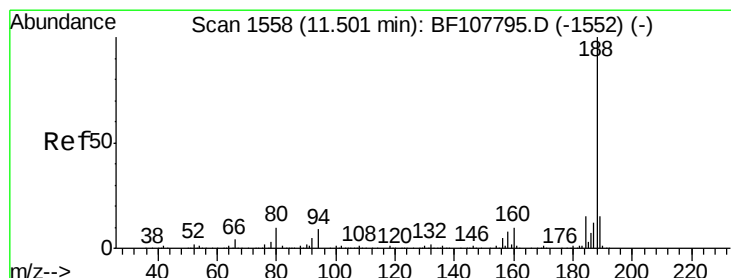
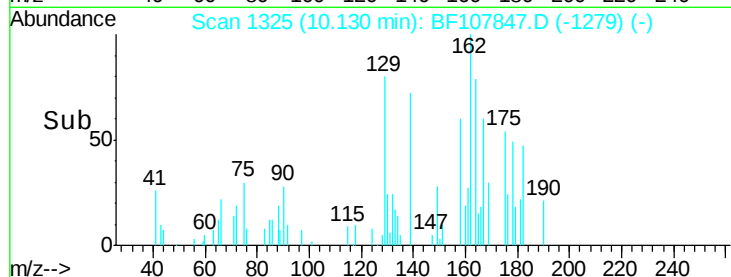
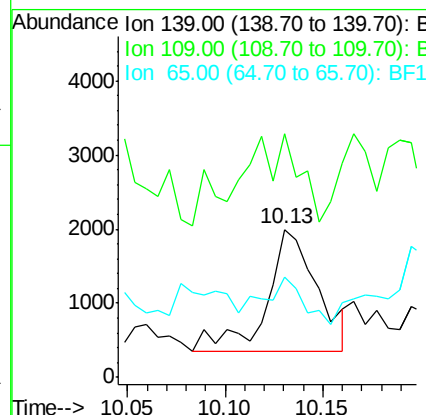
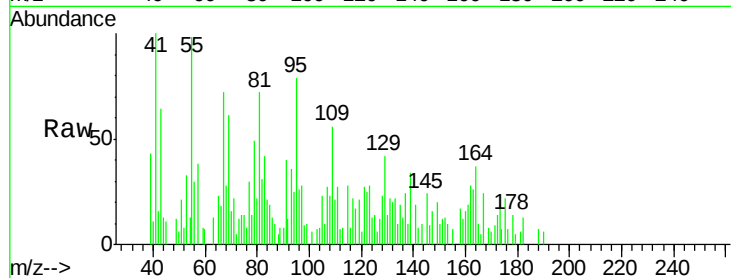
Tgt Ion:139 Resp: 2941

Ion Ratio Lower Upper

139 100

109 164.3 48.4 88.4#

65 67.6 72.6 112.6#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF107847.D

Acq: 31 Jul 2018 12:49

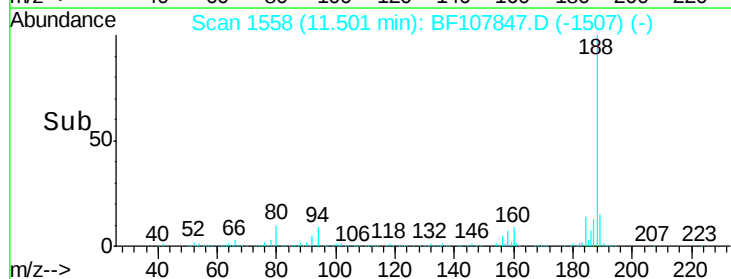
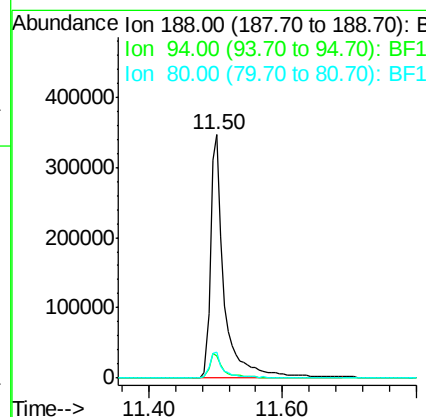
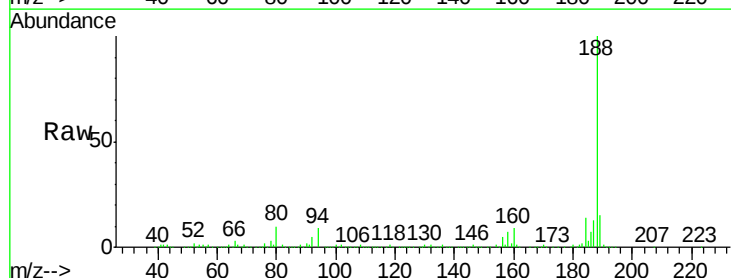
Tgt Ion:188 Resp: 496245

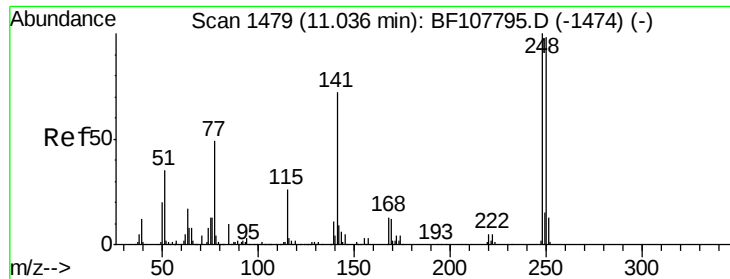
Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

80 10.5 9.2 13.8

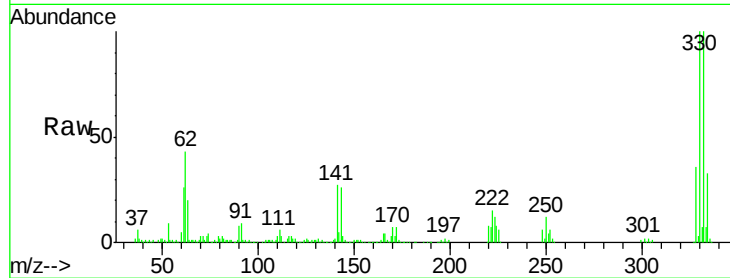




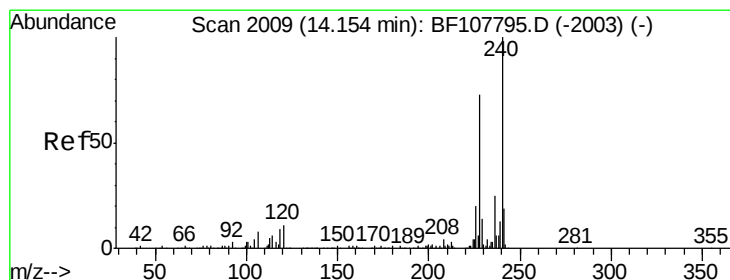
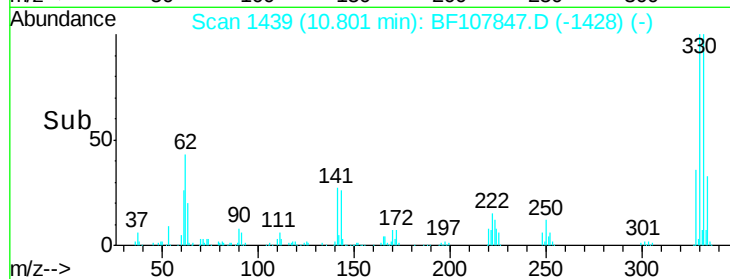
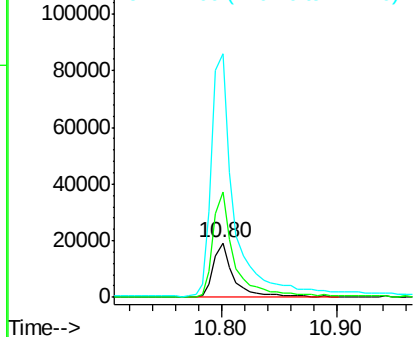
#66
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107847.D
Acq: 31 Jul 2018 12:49

Instrument :
BNA_F
ClientSampleId :
ECMW-01

Tgt Ion:248 Resp: 24015
Ion Ratio Lower Upper
248 100
250 193.8 76.9 115.3#
141 449.5 74.4 111.6#

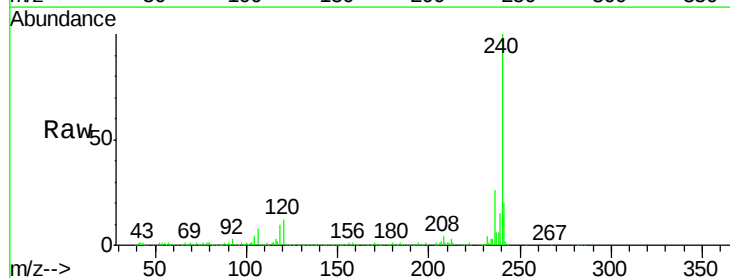


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

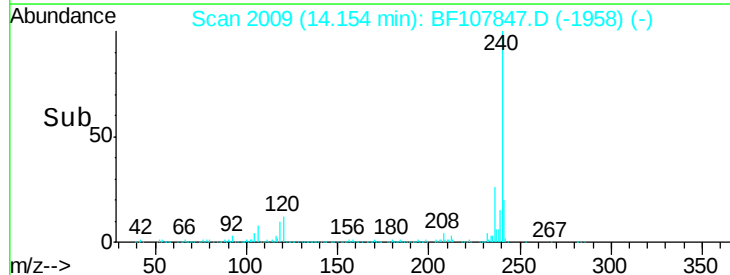
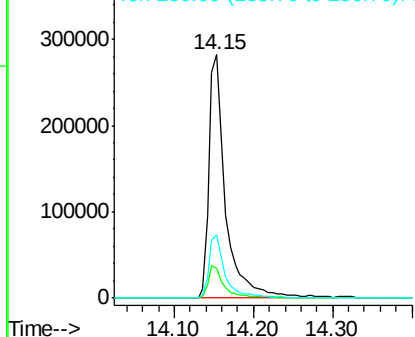


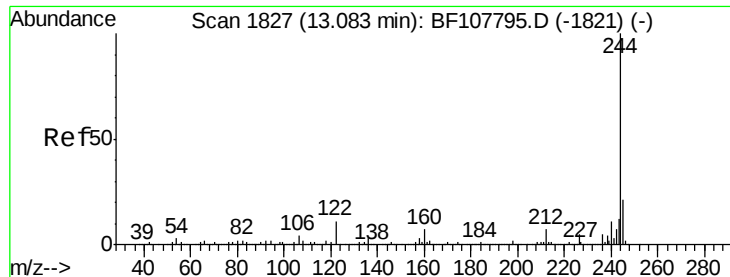
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107847.D
Acq: 31 Jul 2018 12:49

Tgt Ion:240 Resp: 412782
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 26.1 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: 78.516 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107847.D

Acq: 31 Jul 2018 12:49

Instrument :

BNA_F

ClientSampleId :

ECMW-01

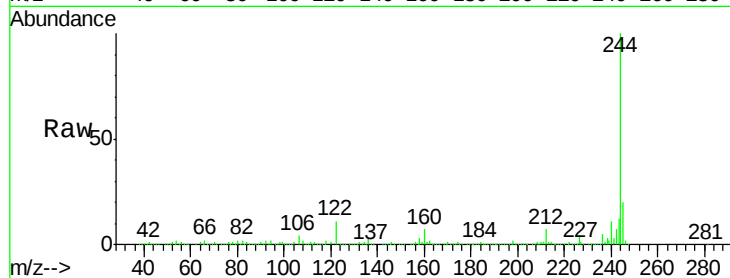
Tgt Ion:244 Resp: 1494620

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

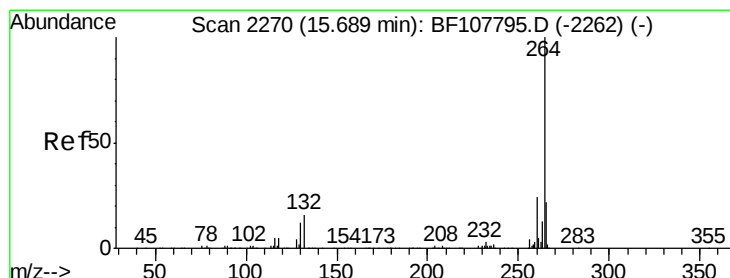
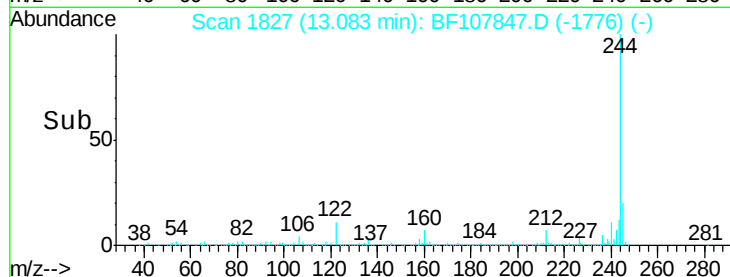
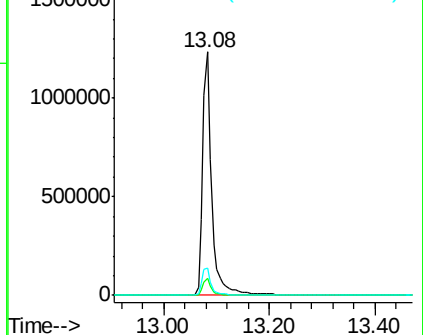
122 11.0 11.0 16.4



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: BF107847.D

Acq: 31 Jul 2018 12:49

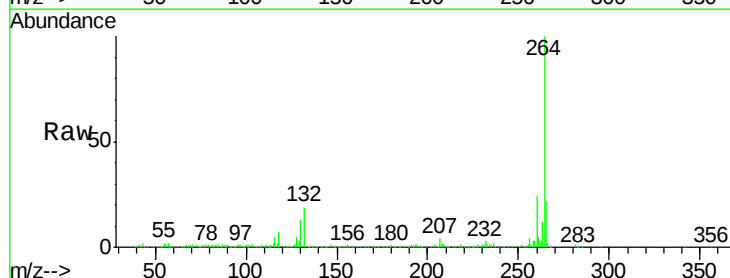
Tgt Ion:264 Resp: 422416

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.7 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

