

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107900.D
 Acq On : 1 Aug 2018 20:17
 Operator : JU/SJ
 Sample : J4256-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 01:00:03 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	139328	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	593861	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	278080	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	496346	20.00	ng	0.00
75) Chrysene-d12	14.15	240	361739	20.00	ng	0.00
86) Perylene-d12	15.69	264	388482	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	550375	67.14	ng	0.00
7) Phenol-d6	6.61	99	444140	41.11	ng	0.00
23) Nitrobenzene-d5	7.53	82	962703	93.39	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	450941	119.34	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1766561	88.52	ng	0.00
78) Terphenyl-d14	13.08	244	1437288	86.16	ng	0.00

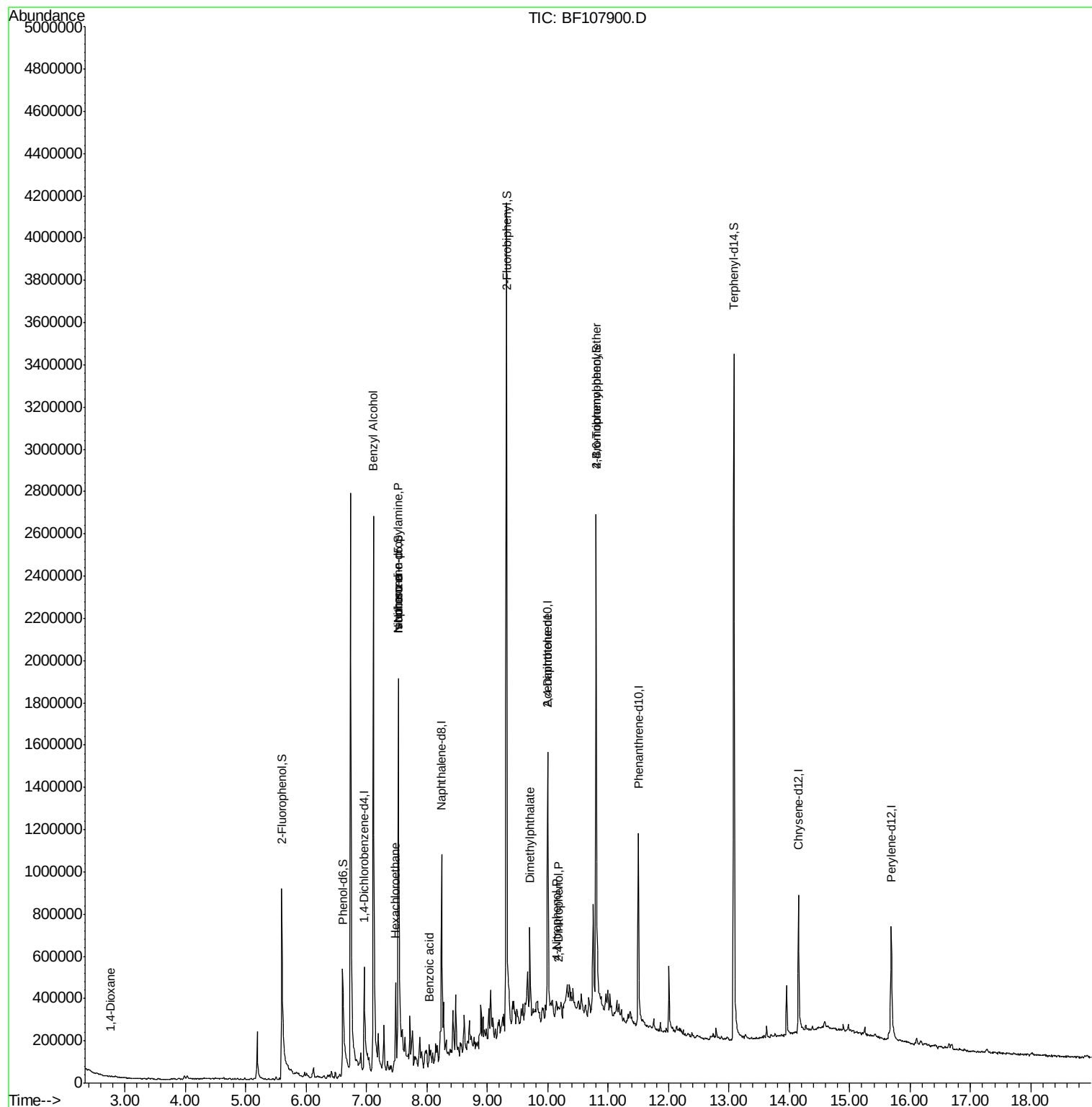
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.77	88	368	5.878	ng	# 21
15) Benzyl Alcohol	7.11	79	16138	2.403	ng	# 45
18) Hexachloroethane	7.48	117	35868	8.300	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	121243	17.690	ng	# 79
25) Isophorone	7.53	82	962703	56.894	ng	# 64
32) Benzoic acid	8.05	122	2559	2.020	ng	# 1
49) Dimethylphthalate	9.71	163	198739	9.516	ng	# 98
53) 2,4-Dinitrophenol	10.18	184	229	8.526	ng	# 1
55) 4-Nitrophenol	10.16	139	1794	9.901	ng	# 12
56) 2,4-Dinitrotoluene	10.00	165	36731	6.158	ng	# 32
66) 4-Bromophenyl-phenylether	10.80	248	26795	4.632	ng	# 1

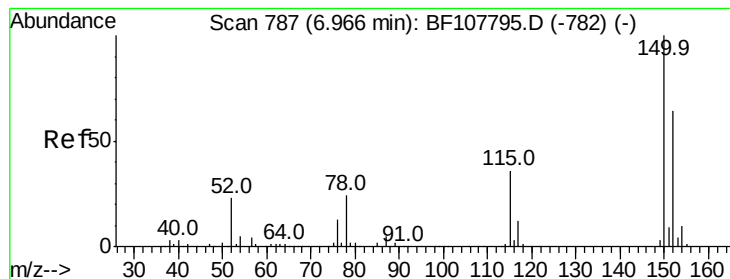
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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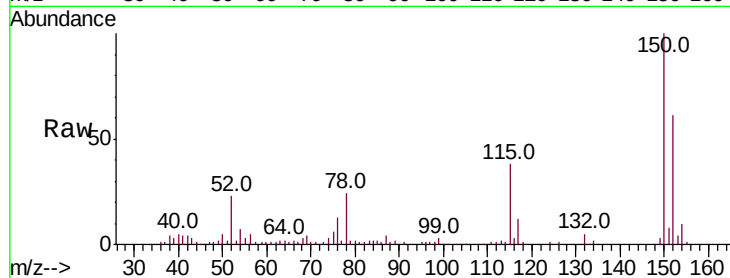


#1

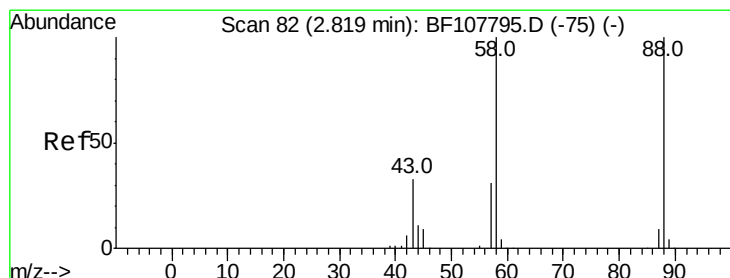
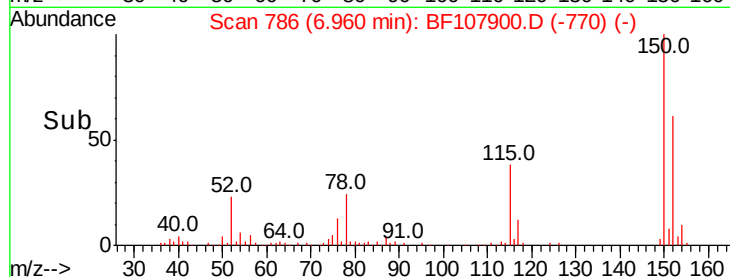
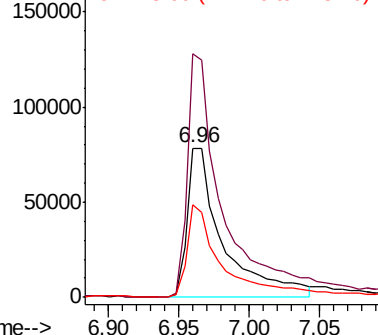
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139328
Ion Ratio Lower Upper
152 100
150 163.3 124.6 186.8
115 61.7 50.1 75.1



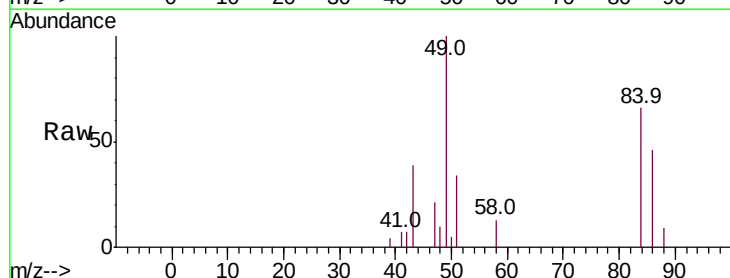
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



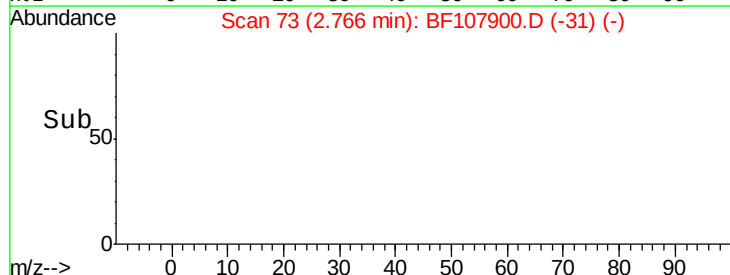
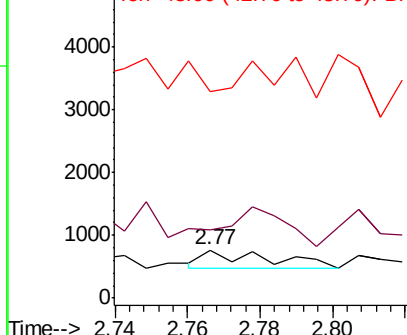
#2

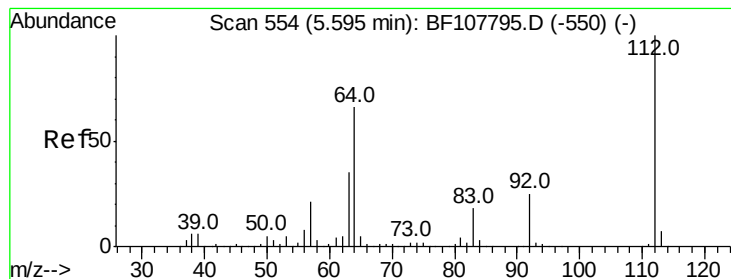
1,4-Dioxane
Concen: 5.878 ng
RT: 2.77 min Scan# 73
Delta R.T. -0.05 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion: 88 Resp: 368
Ion Ratio Lower Upper
88 100
58 166.0 62.6 93.8#
43 43.2 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: 67.136 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107900.D

Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampled :

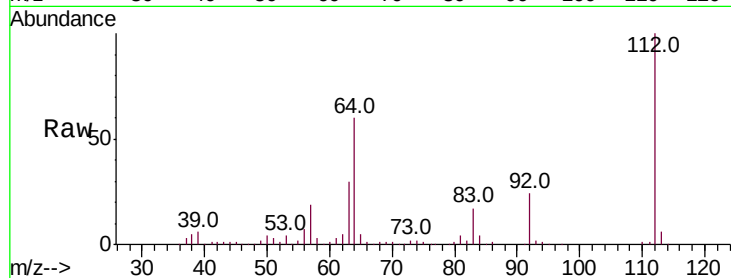
Tot Ion:112 Resp: 550375

Ion Ratio Lower Upper

112 100

64 60.1 47.9 71.9

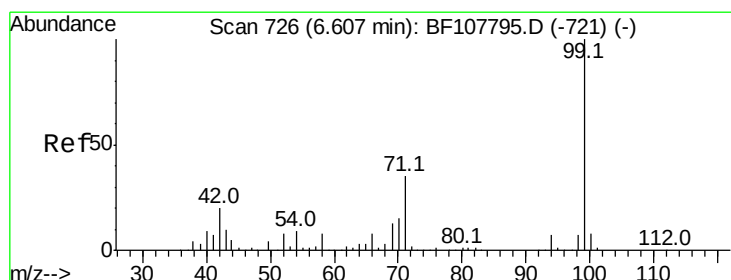
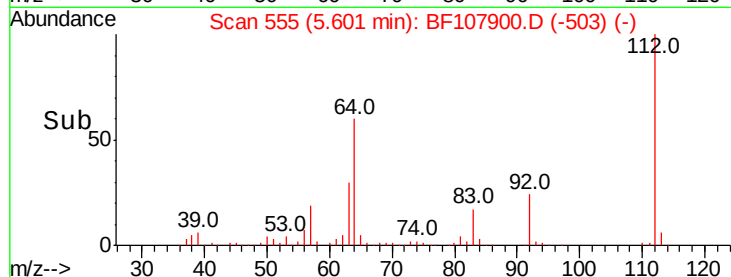
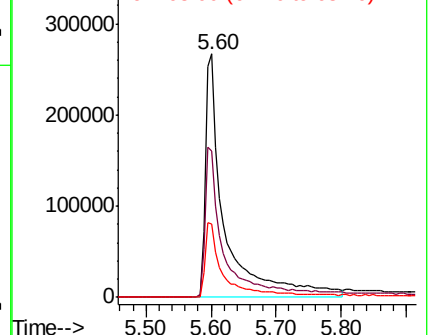
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 41.107 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107900.D

Acq: 1 Aug 2018 20:17

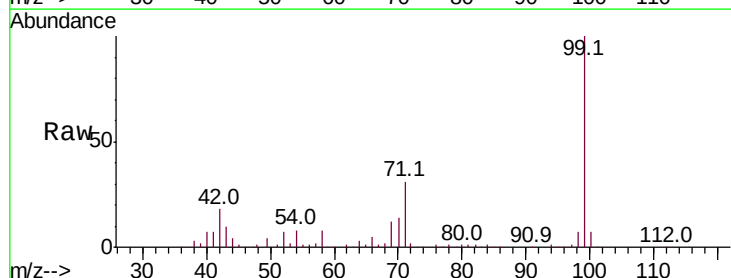
Tgt Ion: 99 Resp: 444140

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

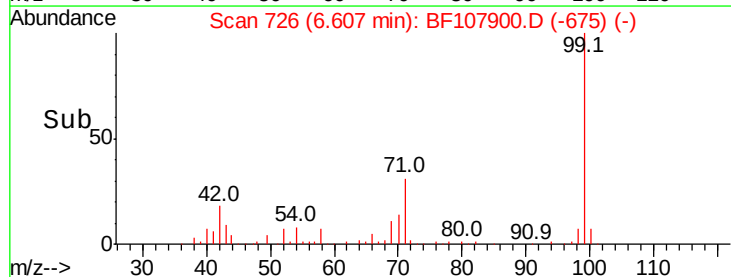
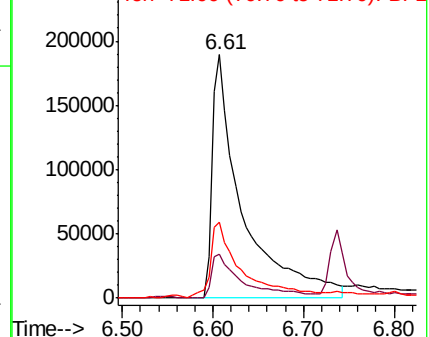
71 31.4 25.4 38.0

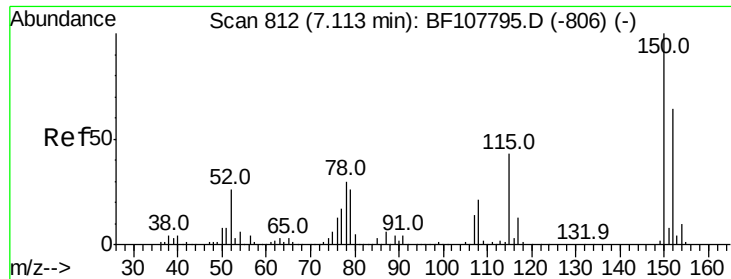


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

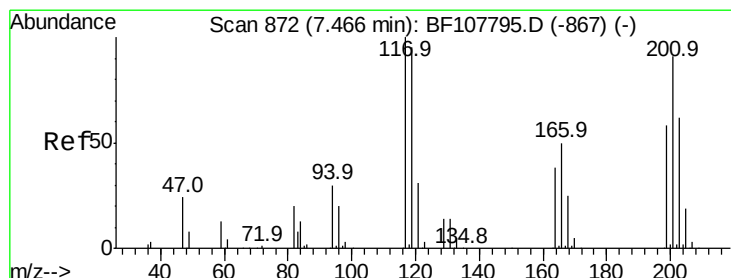
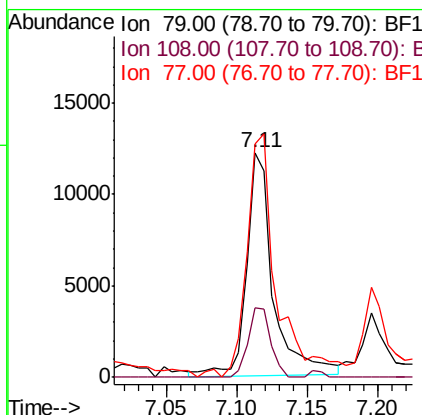
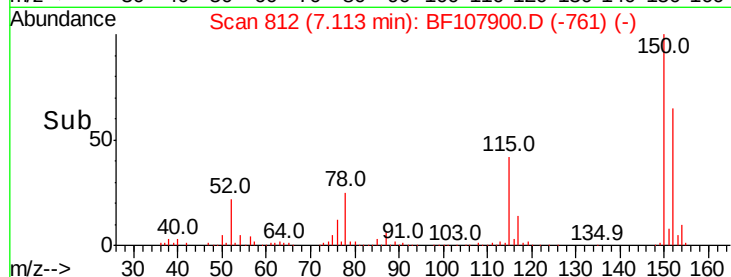
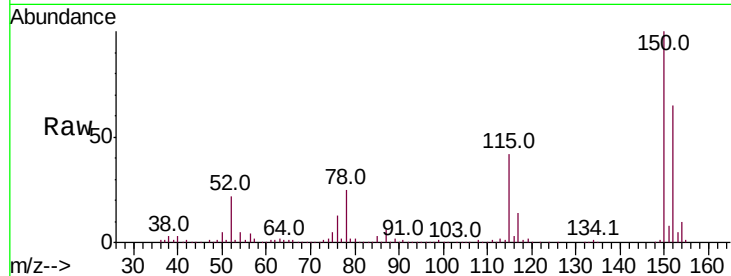




#15
Benzyl Alcohol
Concen: 2.403 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

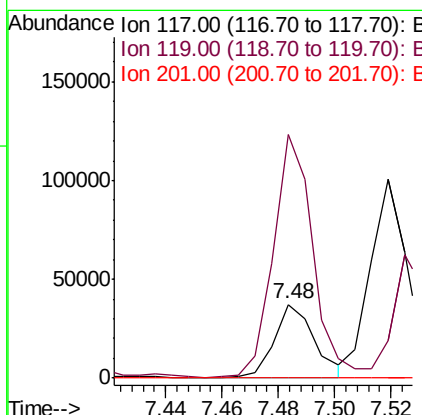
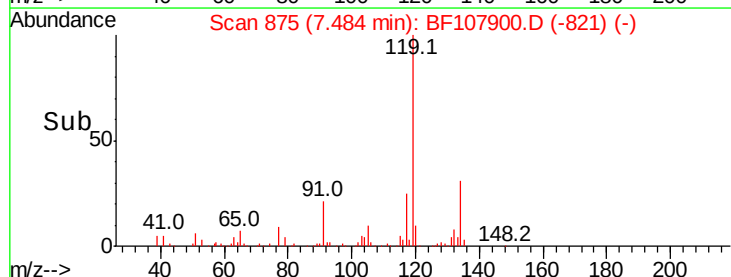
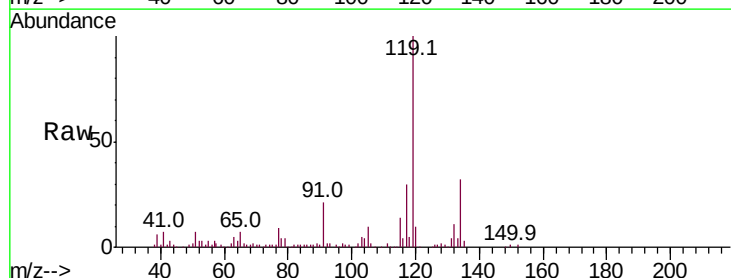
Instrument :
BNA_F
ClientSampleId :

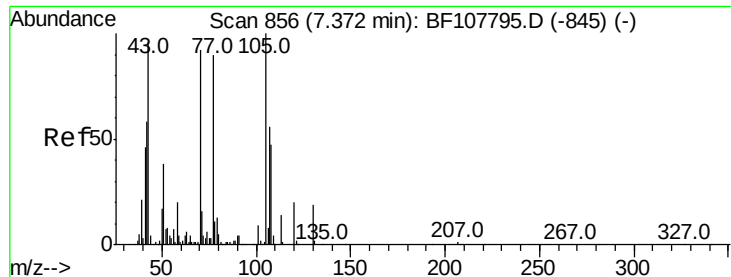
Tot Ion: 79 Resp: 16138
Ion Ratio Lower Upper
79 100
108 30.8 65.1 97.7#
77 103.9 50.6 75.8#



#18
Hexachloroethane
Concen: 8.300 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion: 117 Resp: 35868
Ion Ratio Lower Upper
117 100
119 329.9 75.8 113.8#
201 0.0 75.7 113.5#





#19

n-Nitroso-di-n-propylamine

Concen: 17.690 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF107900.D

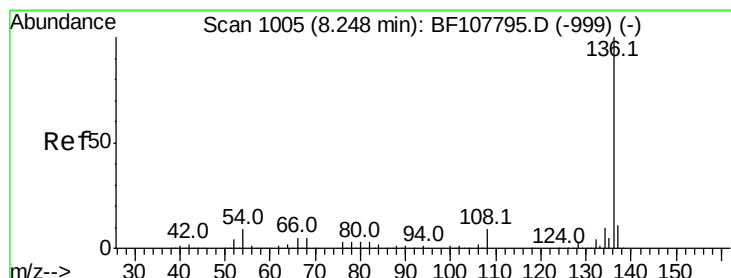
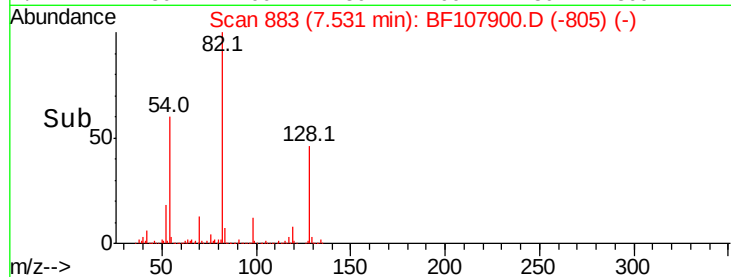
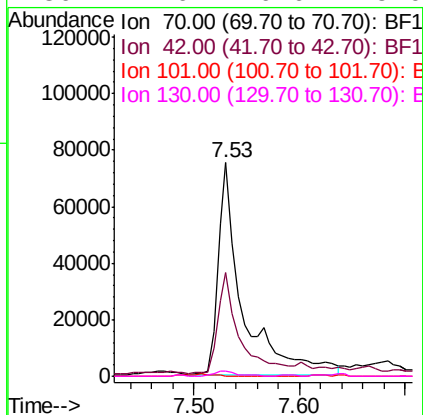
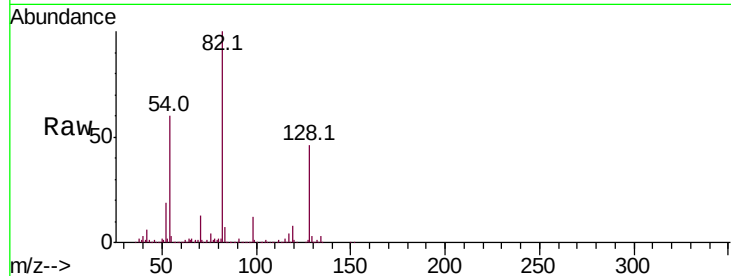
Acq: 1 Aug 2018 20:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:	70	Resp:	121243
Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

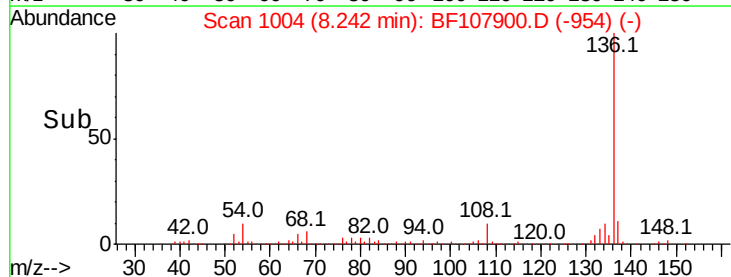
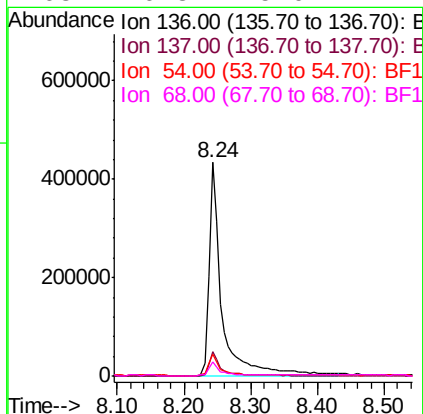
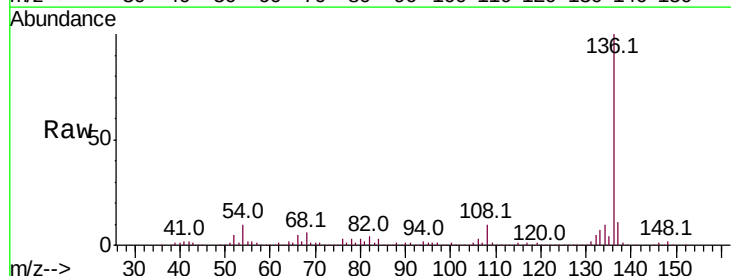
RT: 8.24 min Scan# 1004

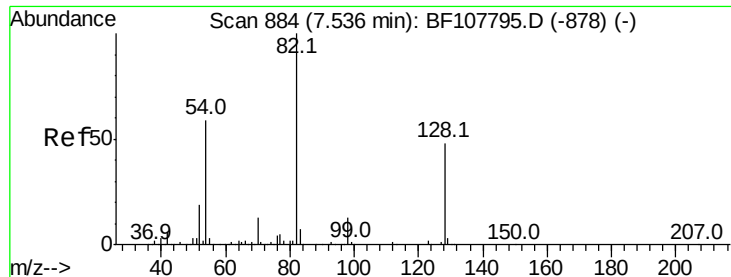
Delta R.T. -0.01 min

Lab File: BF107900.D

Acq: 1 Aug 2018 20:17

Tgt Ion:	136	Resp:	593861
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.4	6.6	9.8#
68	6.3	5.0	7.4

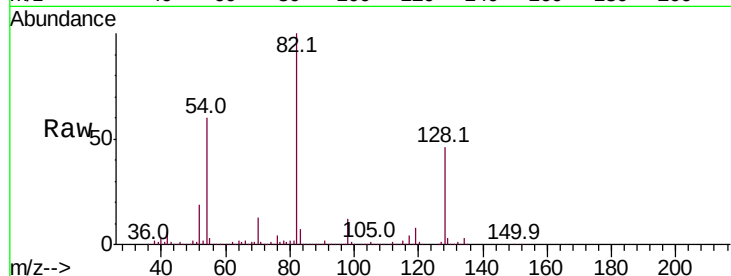




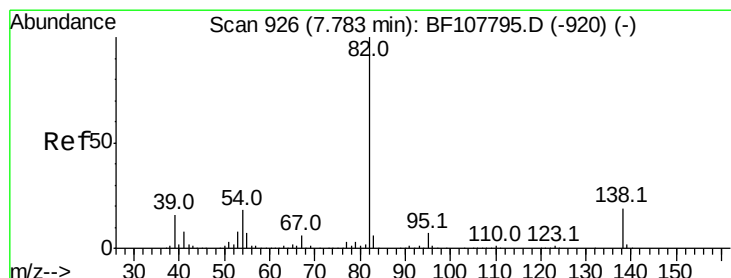
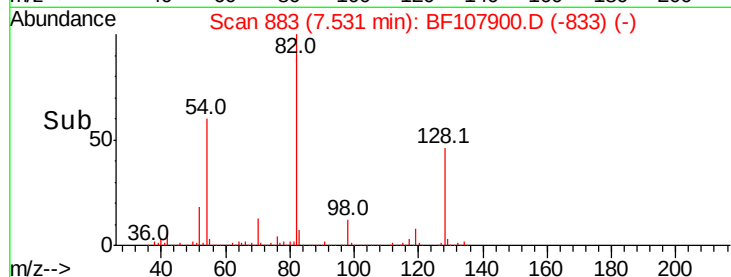
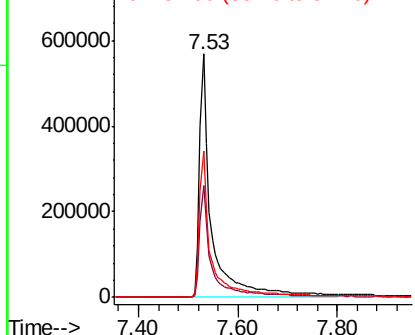
#23
Nitrobenzene-d5
Concen: 93.392 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 962703
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 60.0 41.4 62.2

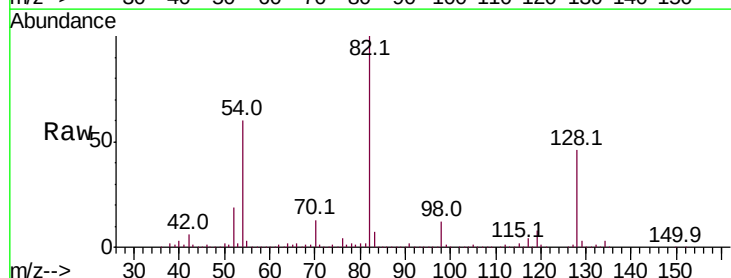


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

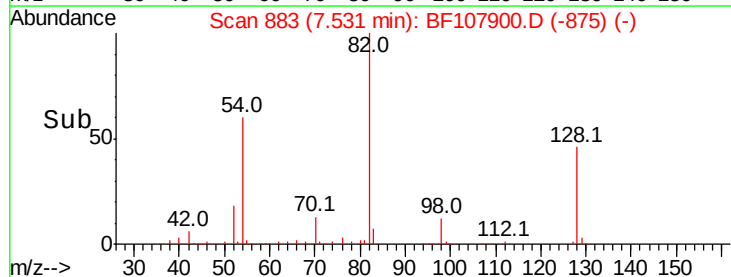
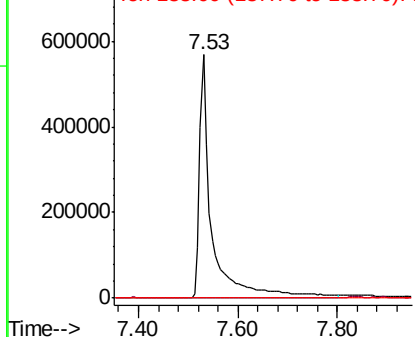


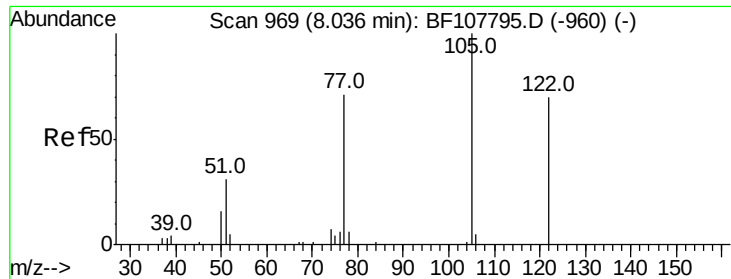
#25
Isophorone
Concen: 56.894 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion: 82 Resp: 962703
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





#32

Benzoic acid

Concen: 2.020 ng

RT: 8.05 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF107900.D

Acq: 1 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

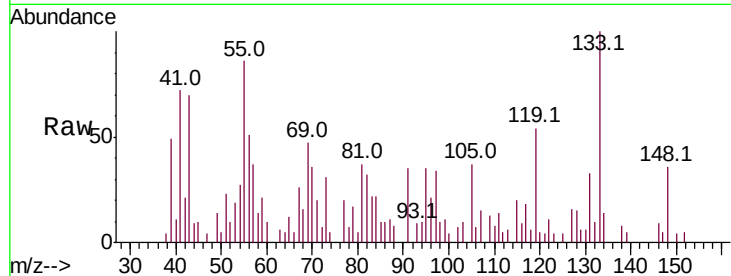
Tot Ion:122 Resp: 2559

Ion Ratio Lower Upper

122 100

105 342.9 101.1 141.1#

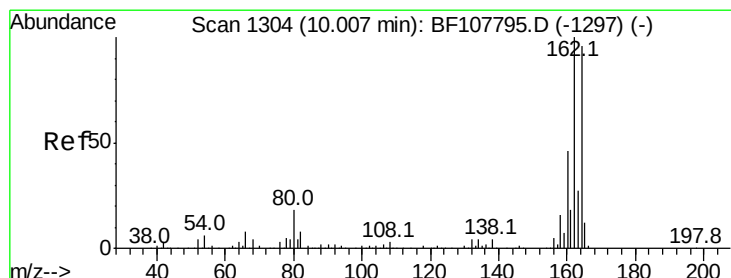
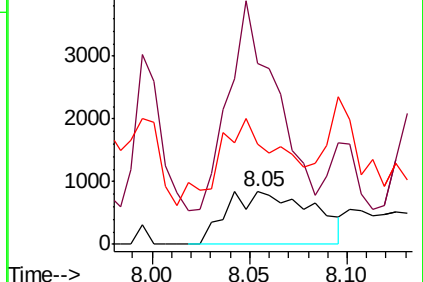
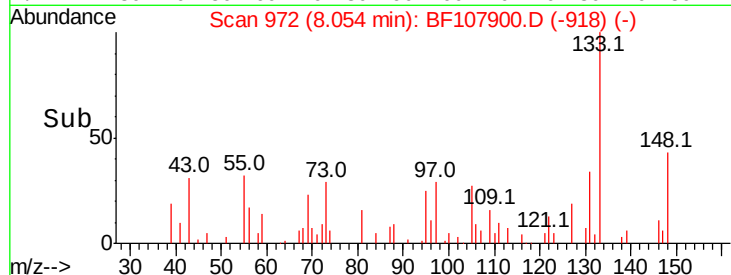
77 189.6 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107900.D

Acq: 1 Aug 2018 20:17

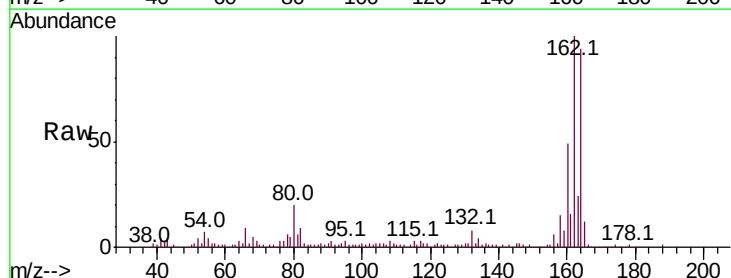
Tgt Ion:164 Resp: 278080

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

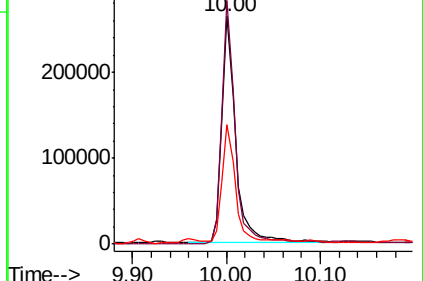
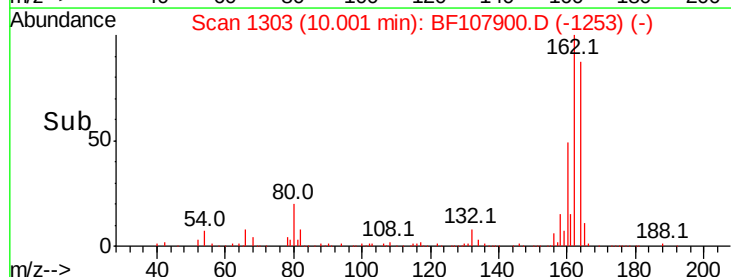
160 52.2 38.3 57.5

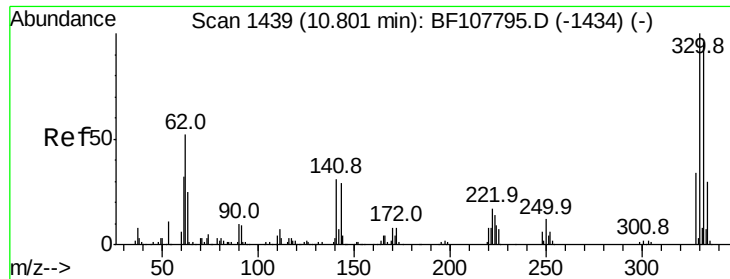


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

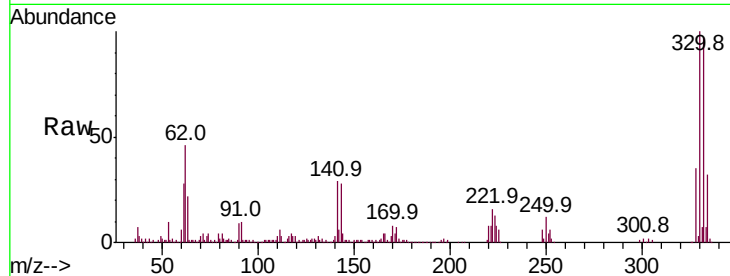




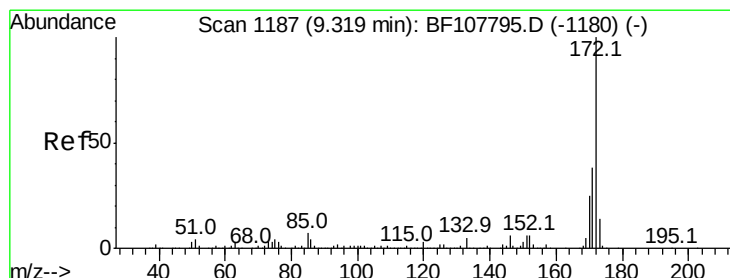
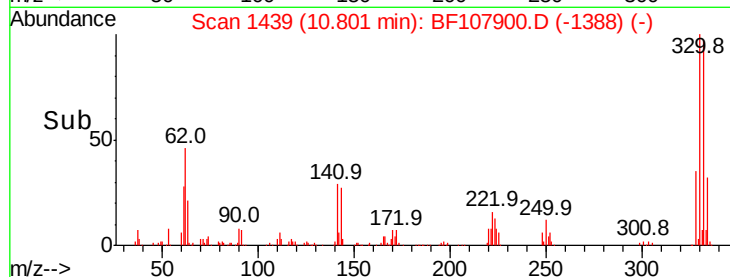
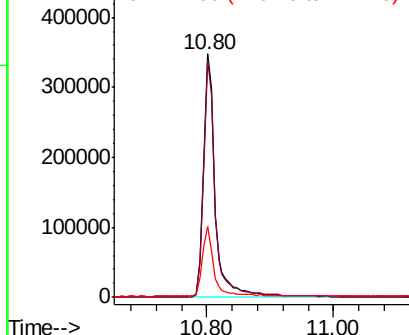
#41
 2,4,6-Tribromophenol
 Concen: 119.342 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107900.D
 Acq: 1 Aug 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 450941
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 27.5 29.9 44.9#

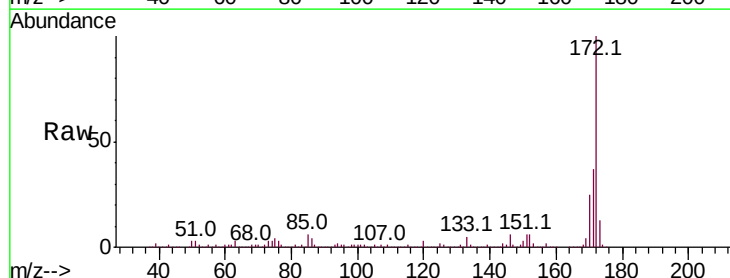


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

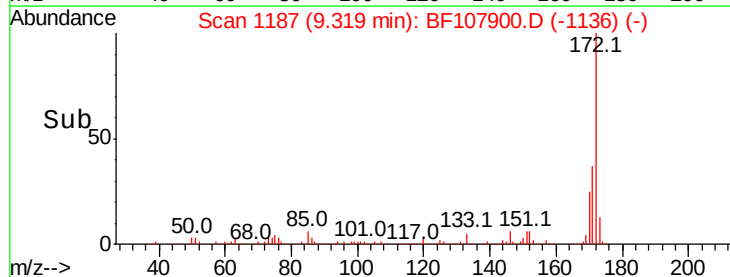
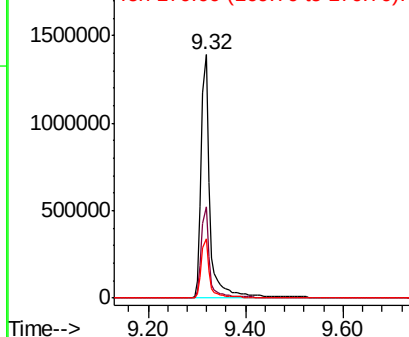


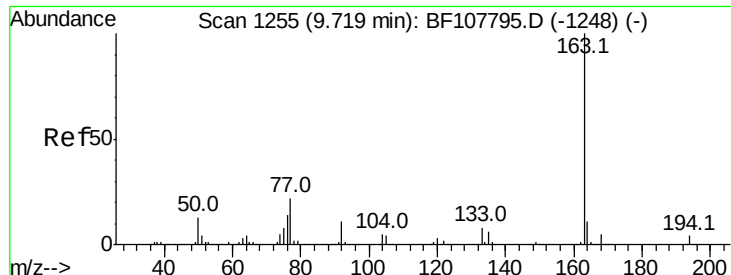
#44
 2-Fluorobiphenyl
 Concen: 88.524 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107900.D
 Acq: 1 Aug 2018 20:17

Tgt Ion:172 Resp: 1766561
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 24.5 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

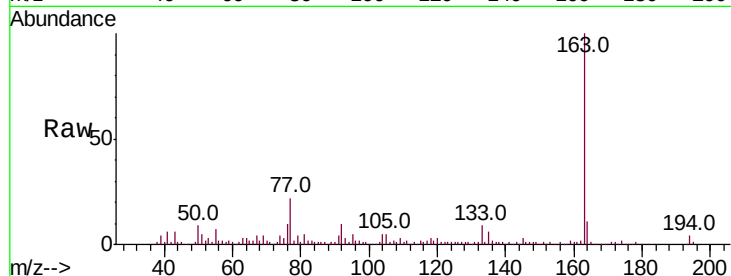




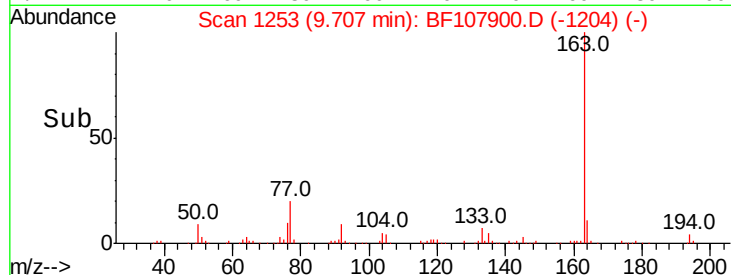
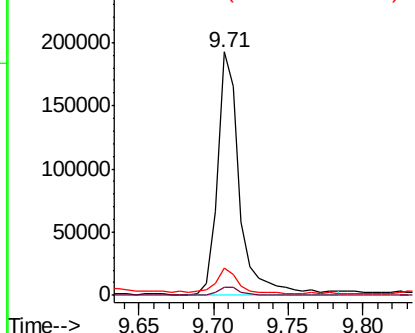
#49
Dimethylphthalate
Concen: 9.516 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 198739
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.1 8.2 12.2

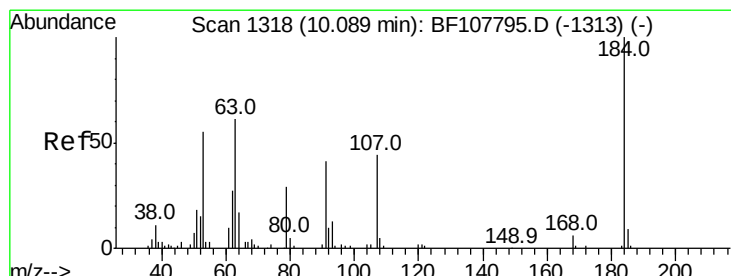


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

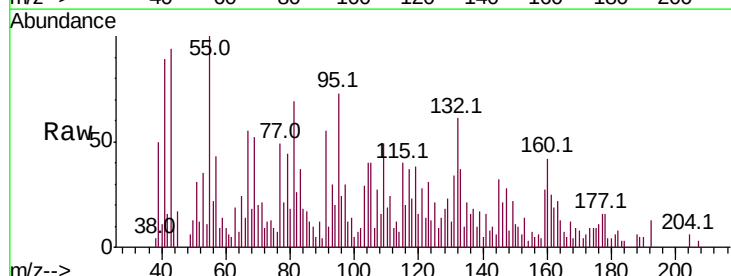
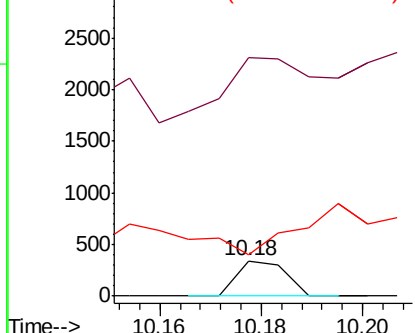


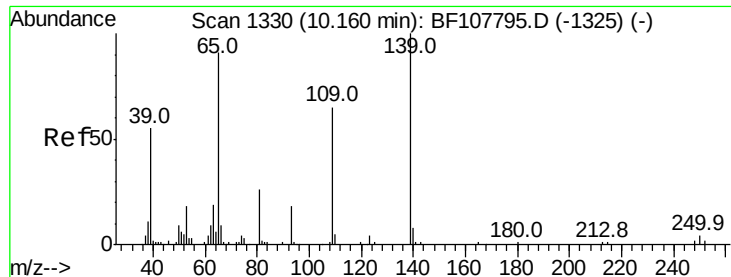
#53
2,4-Dinitrophenol
Concen: 8.526 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.09 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion:184 Resp: 229
Ion Ratio Lower Upper
184 100
63 674.6 54.2 81.2#
154 116.3 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

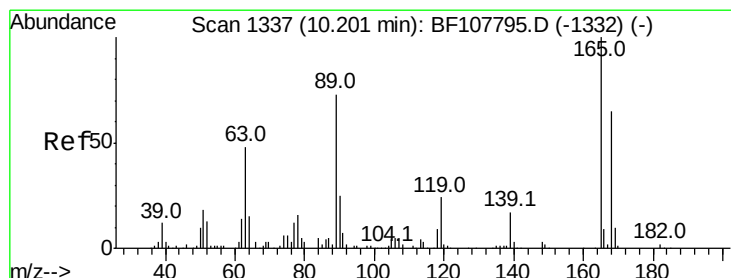
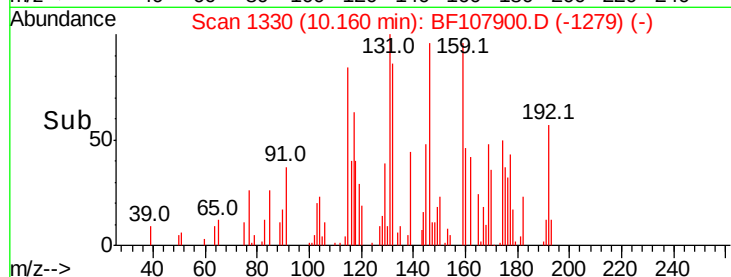
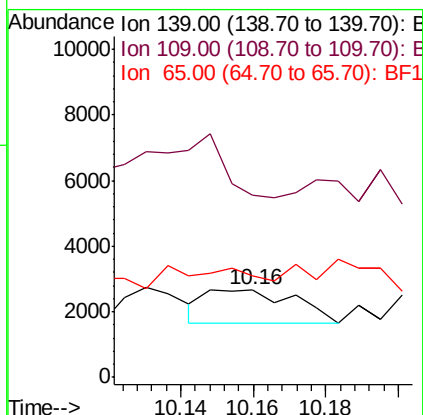
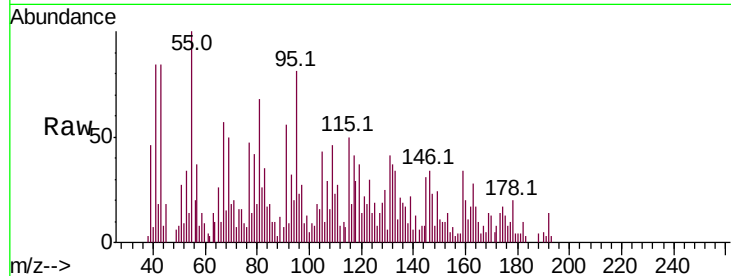




#55
4-Nitrophenol
Concen: 9.901 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

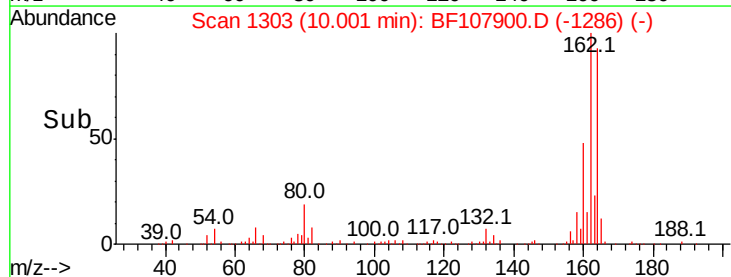
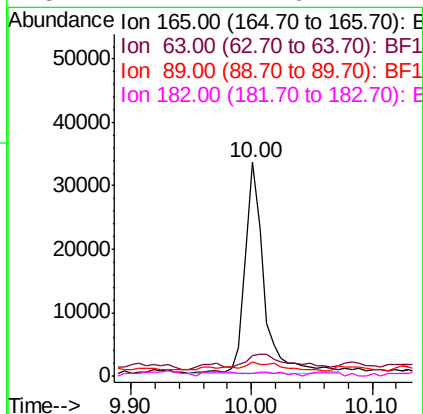
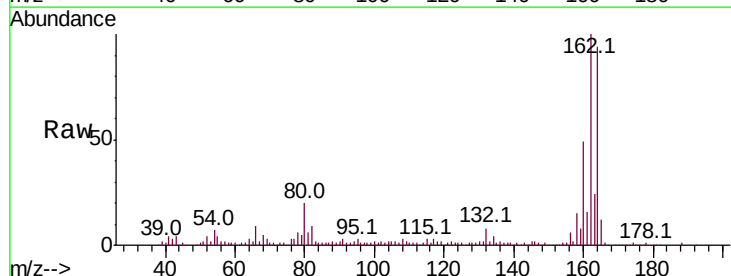
Instrument :
BNA_F
ClientSampled :

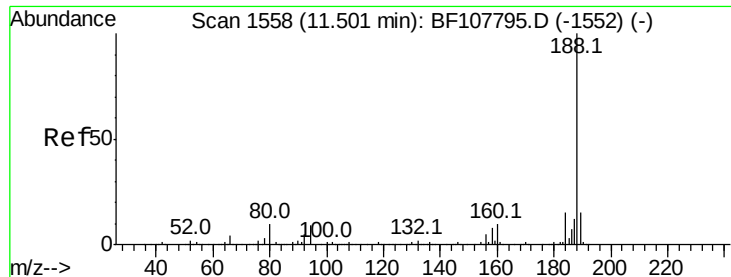
Tot Ion:139 Resp: 1794
Ion Ratio Lower Upper
139 100
109 208.2 48.4 88.4#
65 116.5 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 6.158 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion:165 Resp: 36731
Ion Ratio Lower Upper
165 100
63 9.7 36.4 54.6#
89 6.7 57.8 86.6#
182 1.1 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF107900.D

Acq: 1 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

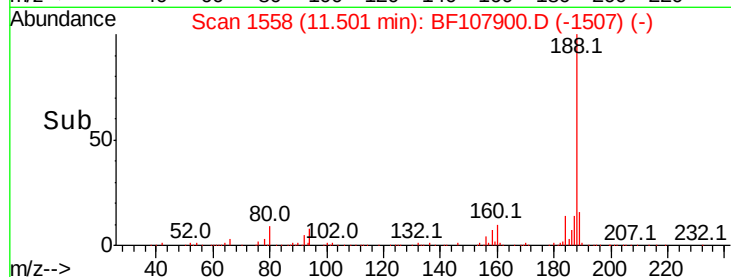
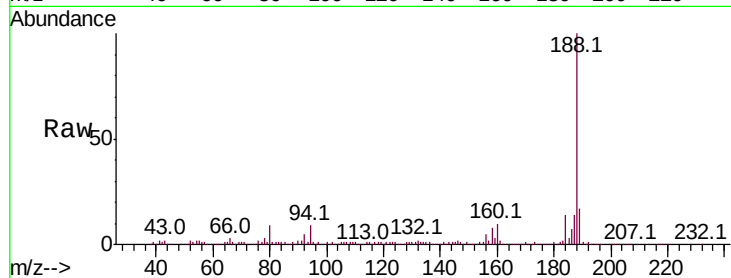
Tot Ion:188 Resp: 496346

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

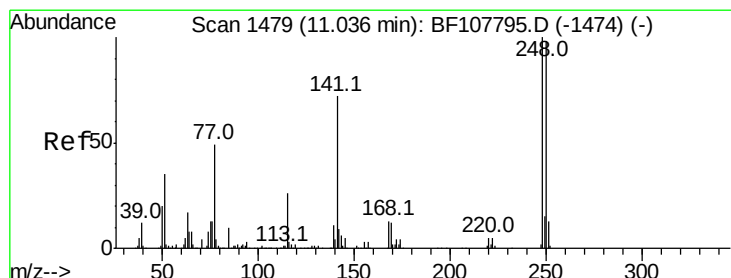
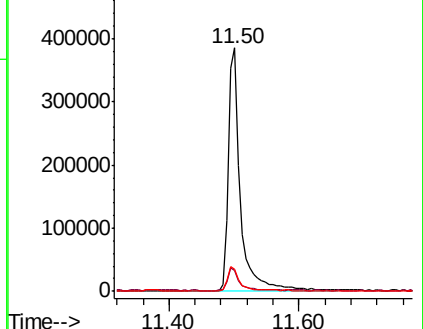
80 9.3 9.2 13.8



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: 4.632 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF107900.D

Acq: 1 Aug 2018 20:17

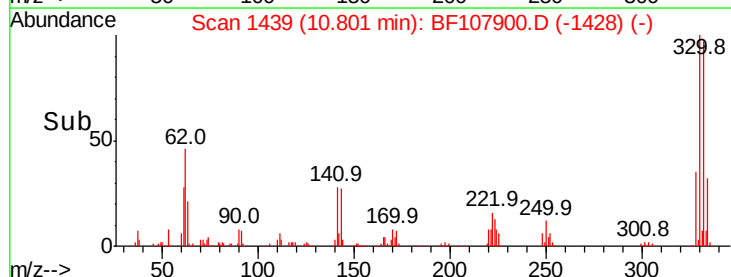
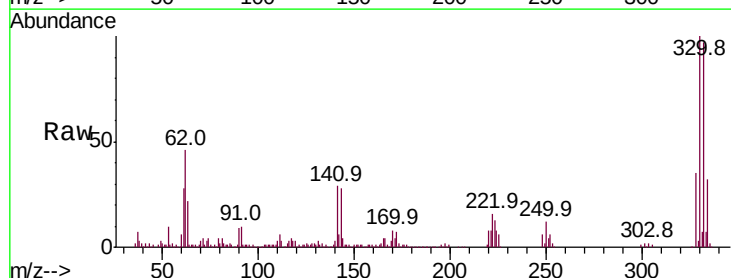
Tgt Ion:248 Resp: 26795

Ion Ratio Lower Upper

248 100

250 195.3 76.9 115.3#

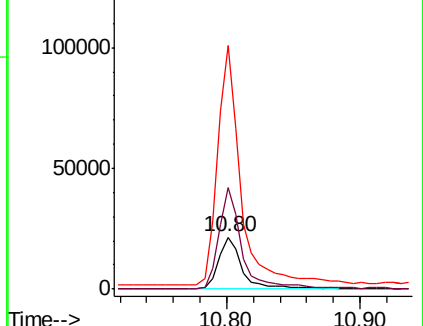
141 470.1 74.4 111.6#

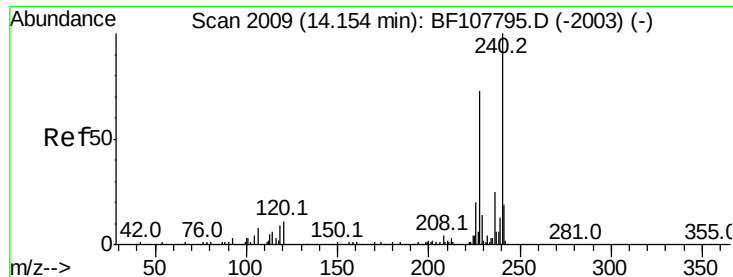


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF107900.D

Acq: 1 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

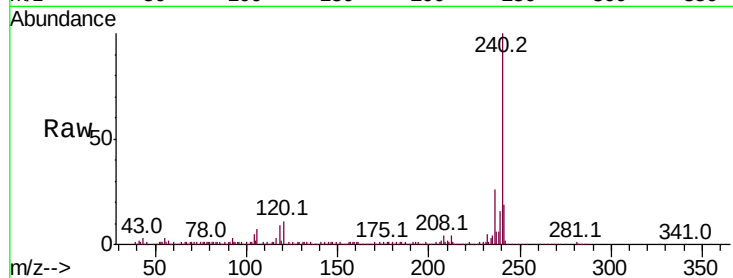
Tot Ion:240 Resp: 361739

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

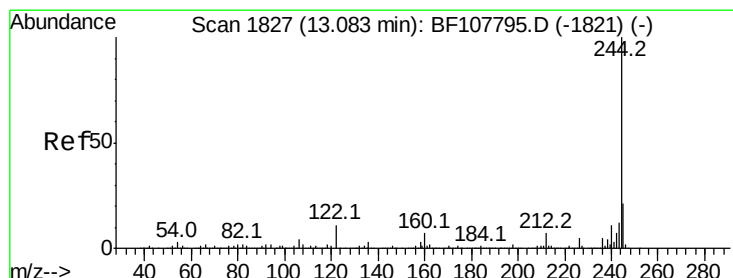
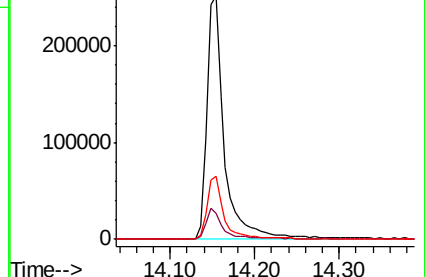
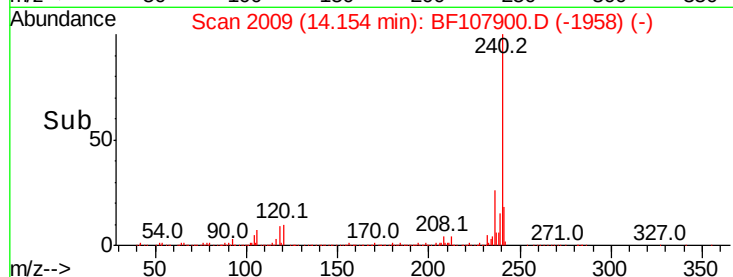
236 25.8 20.7 31.1



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: 86.158 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107900.D

Acq: 1 Aug 2018 20:17

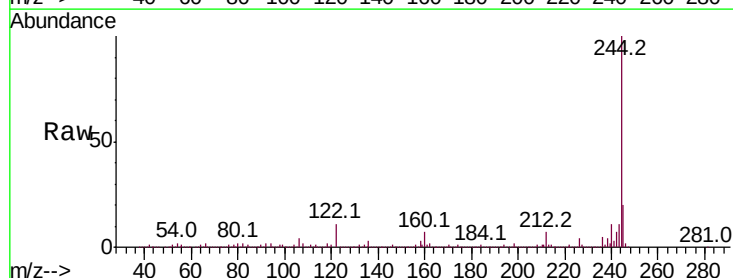
Tgt Ion:244 Resp: 1437288

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

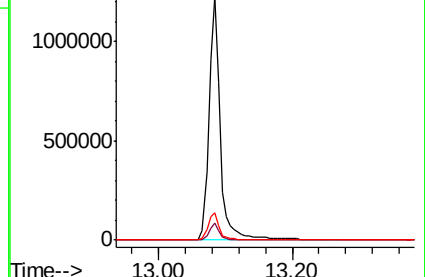
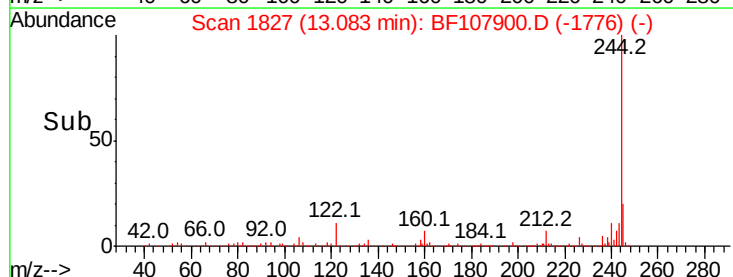
122 11.1 11.0 16.4

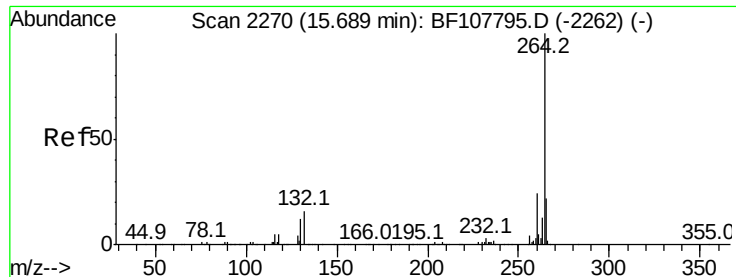


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.5	17.5	26.3

