

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
 Data File : BF107972.D
 Acq On : 4 Aug 2018 7:15
 Operator : JU/SJ
 Sample : J4303-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: Aug 06 01:03:57 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	64396	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	254798	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	108570	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	206246	20.00	ng	0.00
75) Chrysene-d12	14.15	240	211275	20.00	ng	0.00
86) Perylene-d12	15.69	264	153242	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	181098	47.80	ng	0.00
7) Phenol-d6	6.61	99	152086	30.46	ng	0.00
23) Nitrobenzene-d5	7.52	82	457660	103.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	206490	139.97	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	835568	107.24	ng	-0.01
78) Terphenyl-d14	13.08	244	915542	93.97	ng	0.00

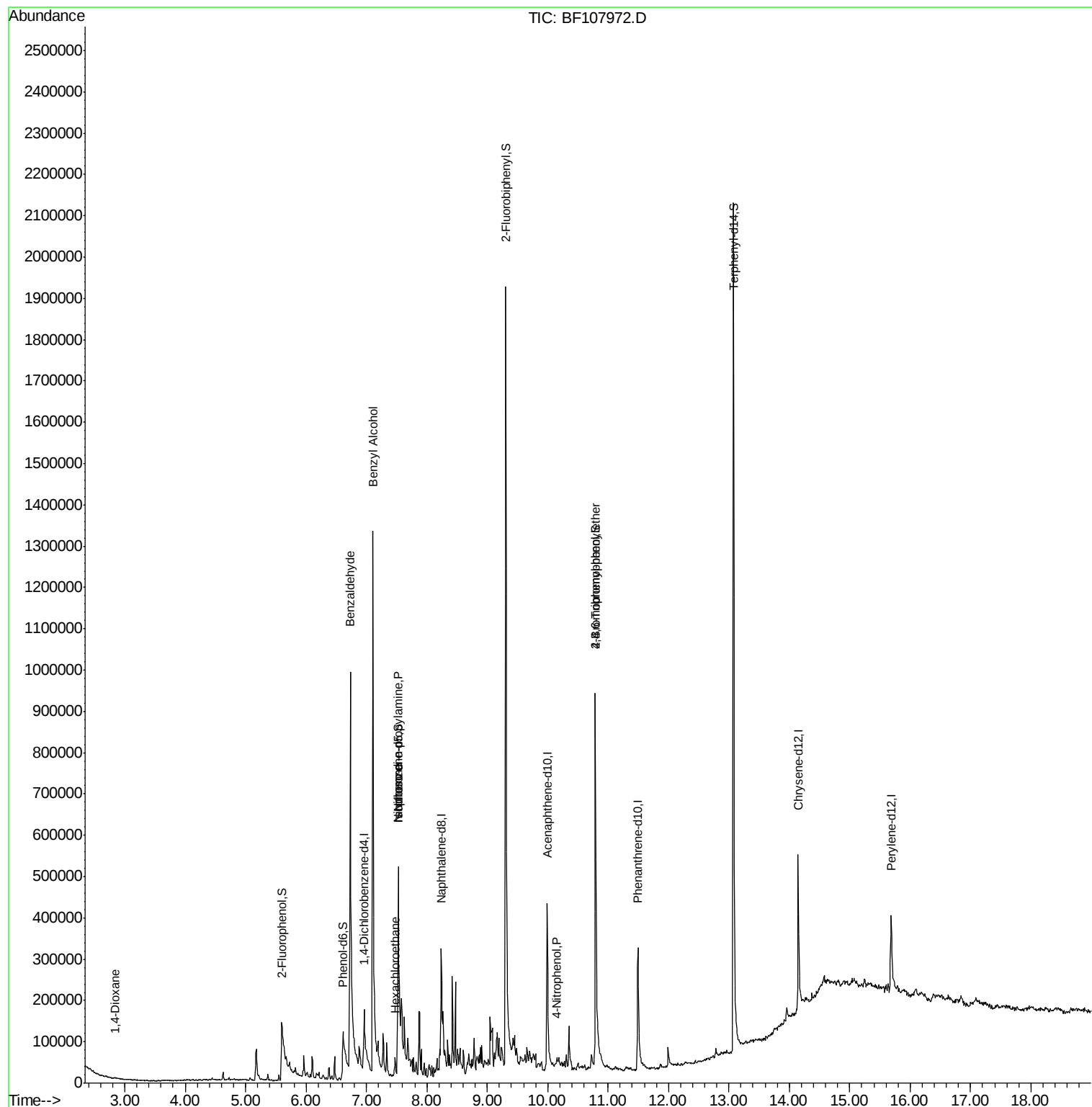
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	118	5.852	ng	# 1
9) Benzaldehyde	6.72	77	10985	3.646	ng	# 89
15) Benzyl Alcohol	7.11	79	8019	2.584	ng	# 43
18) Hexachloroethane	7.48	117	9593	4.803	ng	# 15
19) n-Nitroso-di-n-propylamine	7.52	70	54373	17.164	ng	# 76
25) Isophorone	7.52	82	457660	63.039	ng	# 64
55) 4-Nitrophenol	10.14	139	1909	10.918	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	11574	4.815	ng	# 1

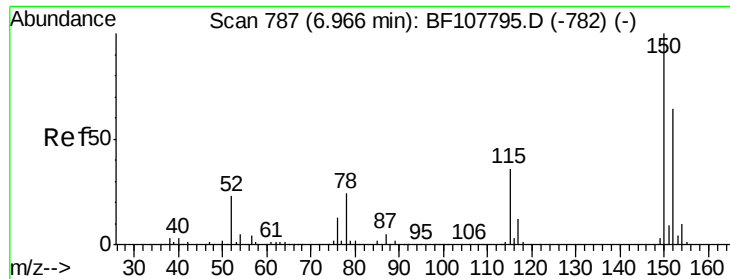
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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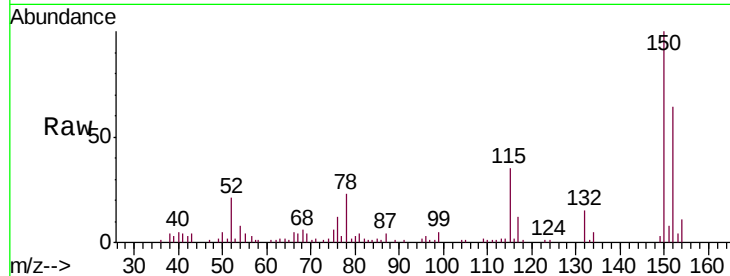


#1

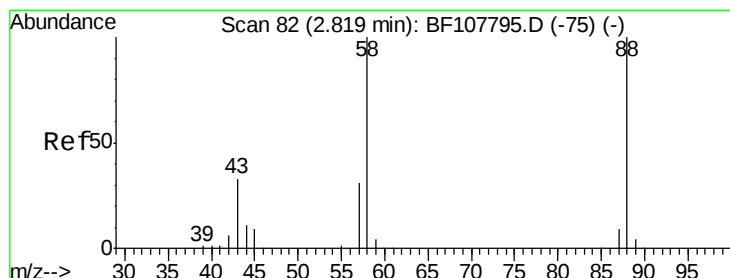
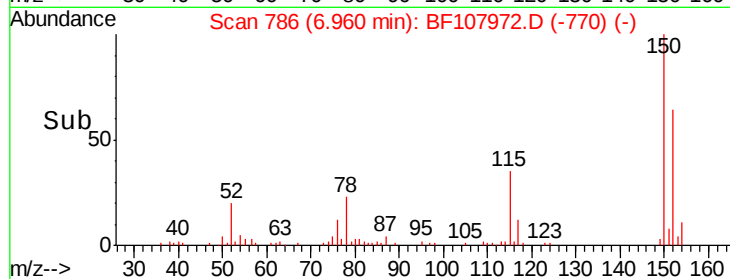
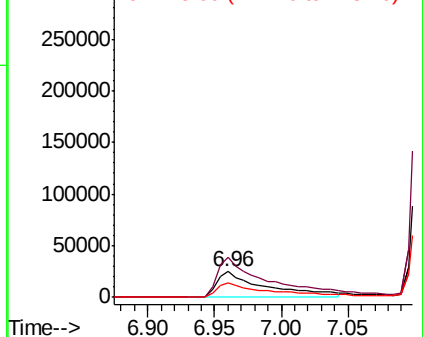
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107972.D
Acq: 4 Aug 2018 7:15

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:152 Resp: 64396
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 54.8 50.1 75.1



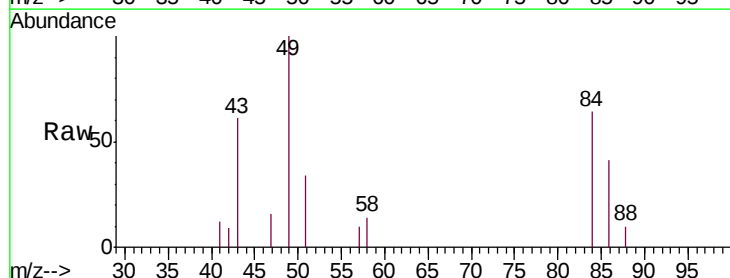
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



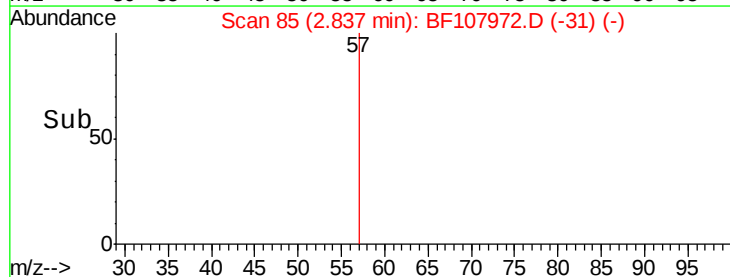
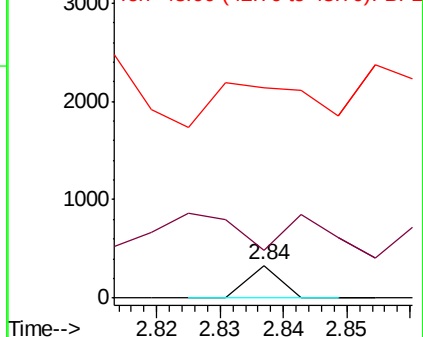
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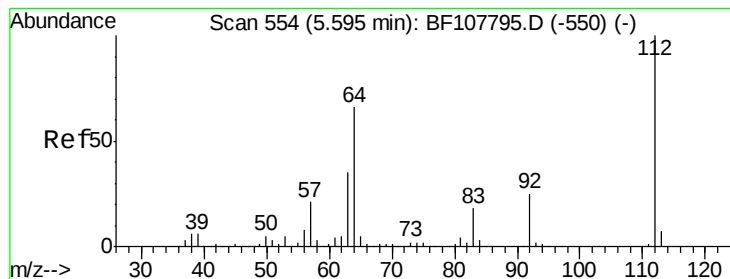
1,4-Dioxane
Concen: 5.852 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF107972.D
Acq: 4 Aug 2018 7:15

Tgt Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
58 262.7 62.6 93.8#
43 416.1 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

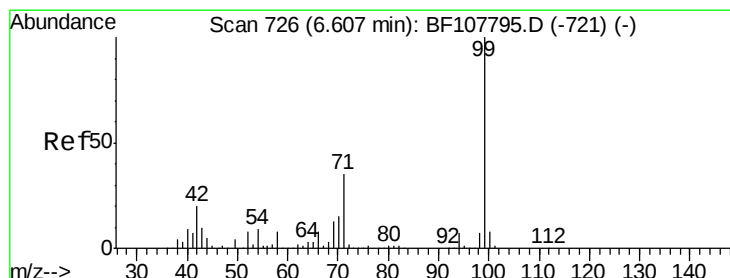
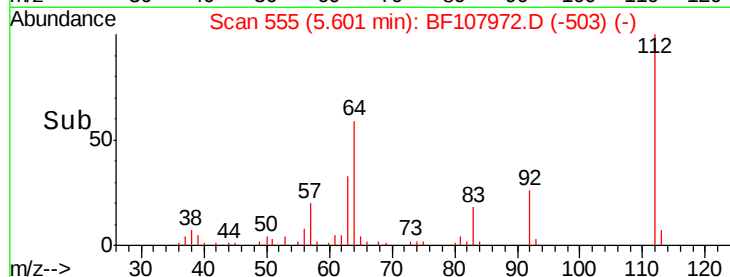
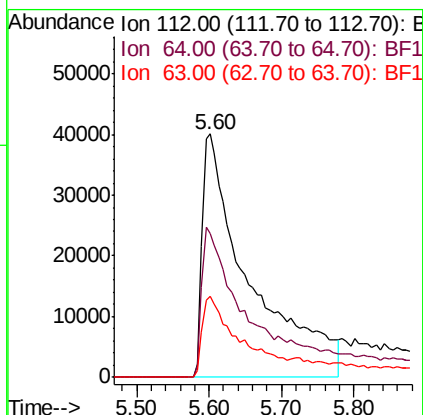
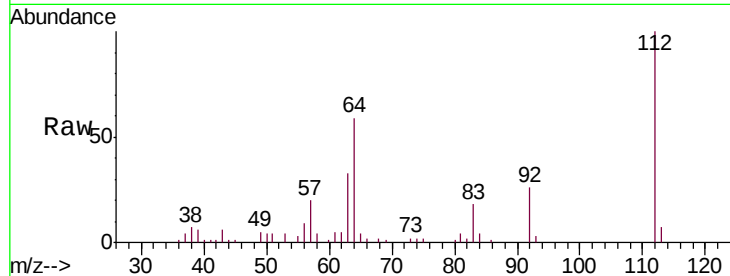




#5
 2-Fluorophenol
 Concen: 47.796 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF107972.D
 Acq: 4 Aug 2018 7:15

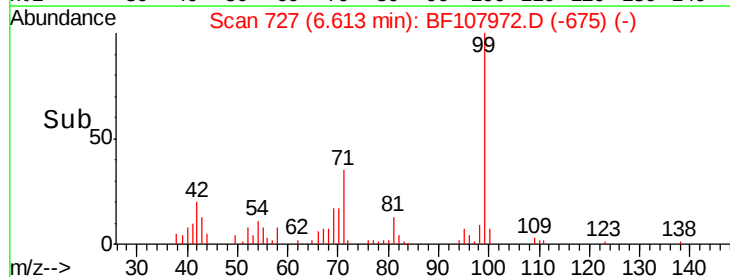
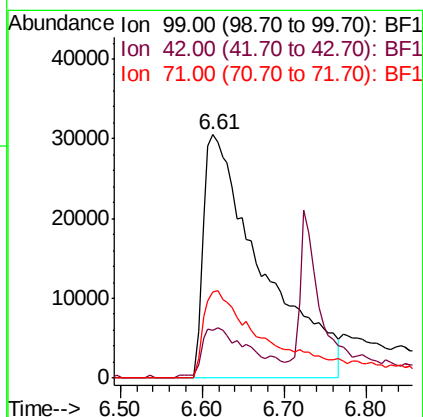
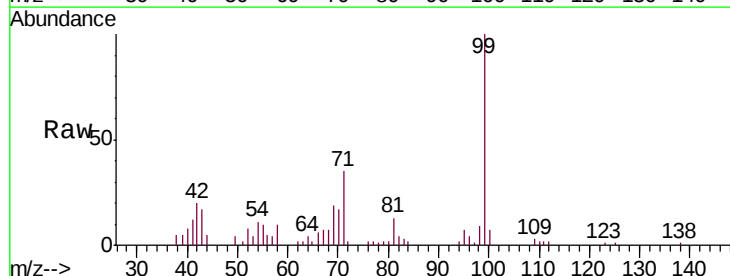
Instrument :
 BNA_F
 ClientSampleId :
 MW-28

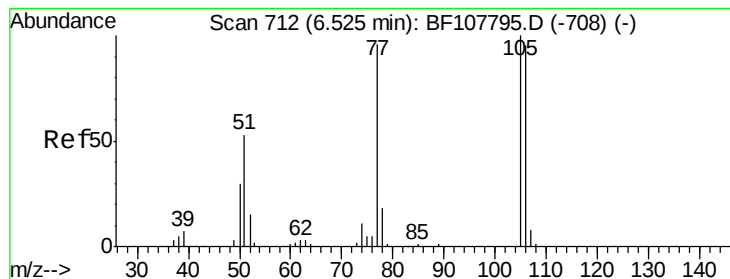
Tgt Ion: 112 Resp: 181098
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 33.4 23.7 35.5



#7
 Phenol-d6
 Concen: 30.456 ng
 RT: 6.61 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF107972.D
 Acq: 4 Aug 2018 7:15

Tgt Ion: 99 Resp: 152086
 Ion Ratio Lower Upper
 99 100
 42 19.7 14.5 21.7
 71 35.2 25.4 38.0





#9

Benzaldehyde

Concen: 3.646 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.20 min

Lab File: BF107972.D

Acq: 4 Aug 2018 7:15

Instrument :

BNA_F

ClientSampleId :

MW-28

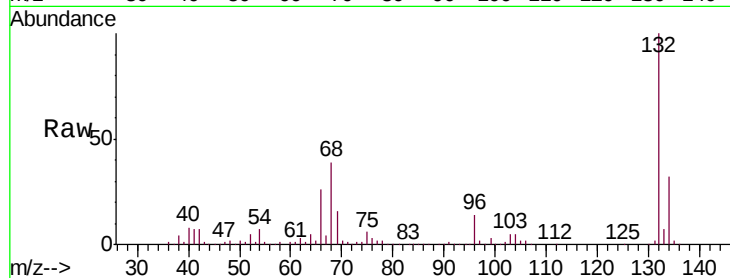
Tgt Ion: 77 Resp: 10985

Ion Ratio Lower Upper

77 100

105 86.9 81.1 121.1

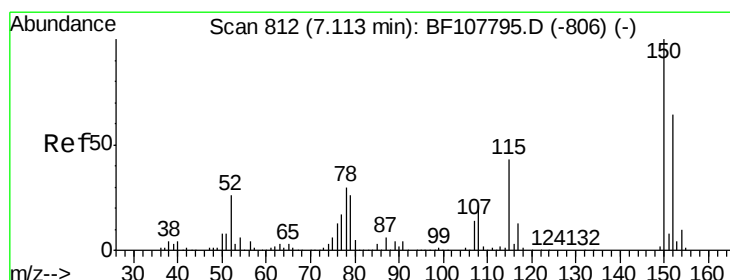
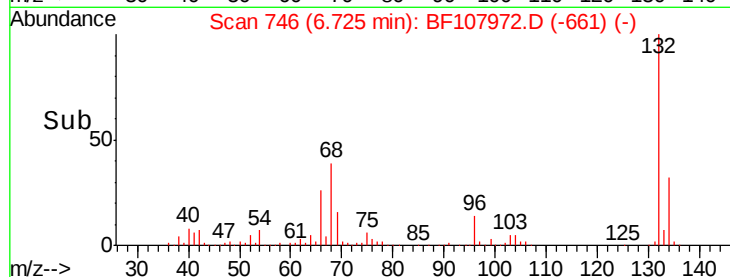
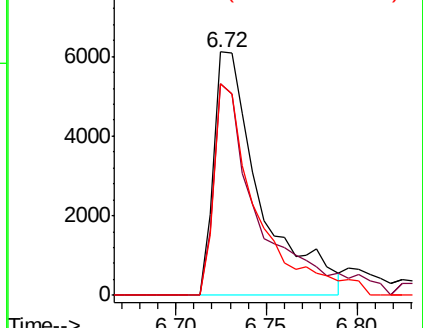
106 86.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#15

Benzyl Alcohol

Concen: 2.584 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107972.D

Acq: 4 Aug 2018 7:15

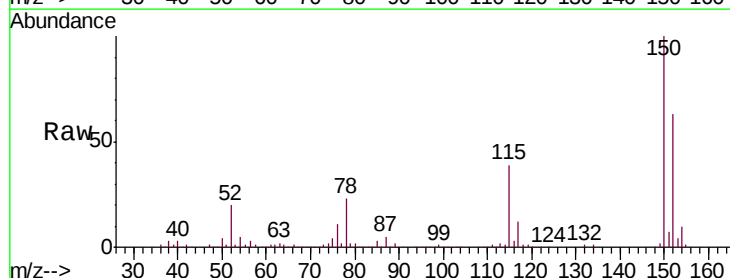
Tgt Ion: 79 Resp: 8019

Ion Ratio Lower Upper

79 100

108 27.1 65.1 97.7#

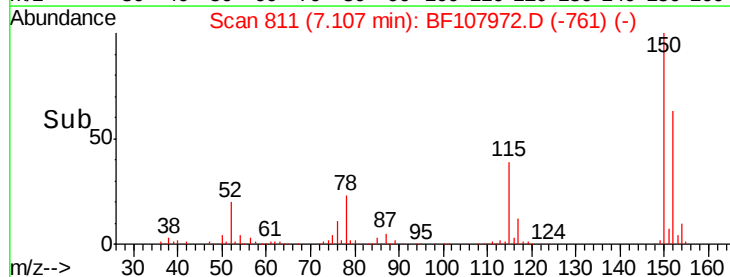
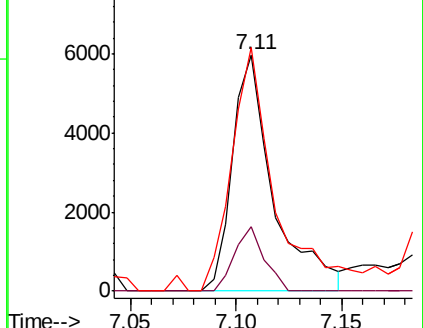
77 103.1 50.6 75.8#

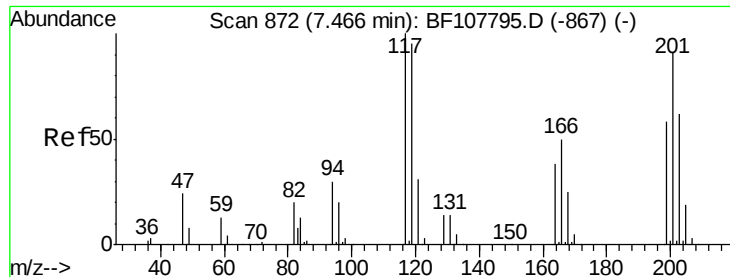


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

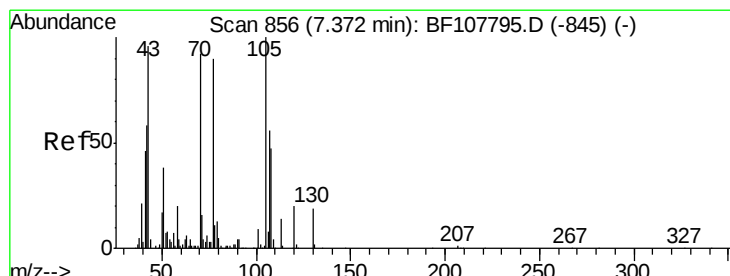
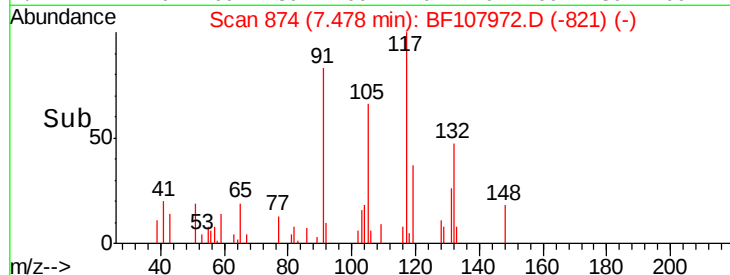
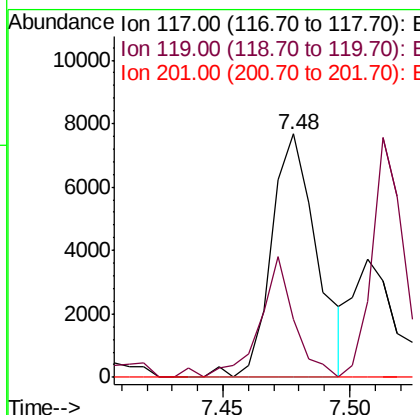
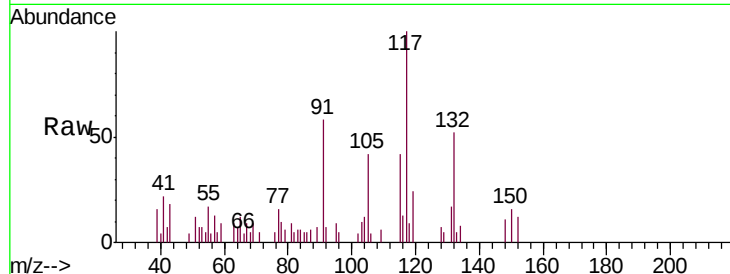




#18
Hexachloroethane
Concen: 4.803 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF107972.D
Acq: 4 Aug 2018 7:15

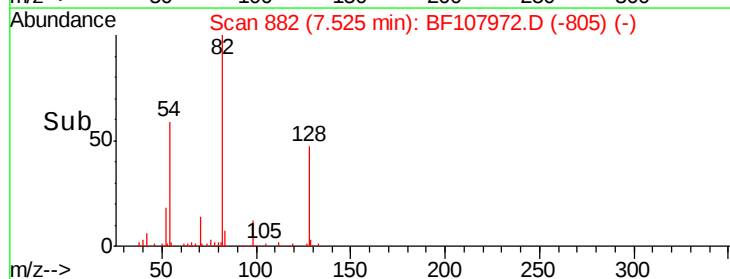
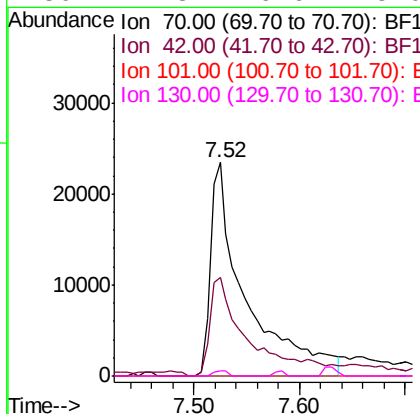
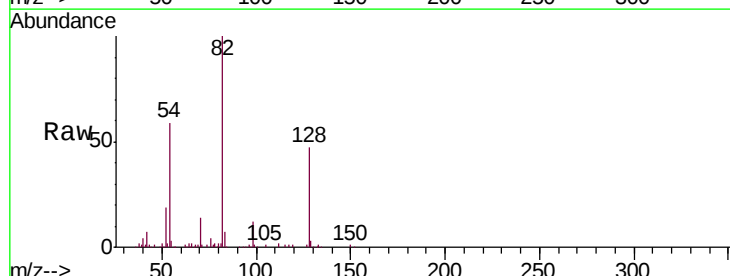
Instrument :
BNA_F
ClientSampled :
MW-28

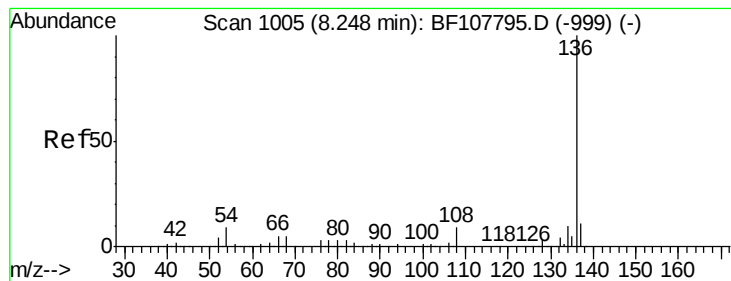
Tgt Ion: 117 Resp: 9593
Ion Ratio Lower Upper
117 100
119 23.6 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.164 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107972.D
Acq: 4 Aug 2018 7:15

Tgt Ion: 70 Resp: 54373
Ion Ratio Lower Upper
70 100
42 46.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

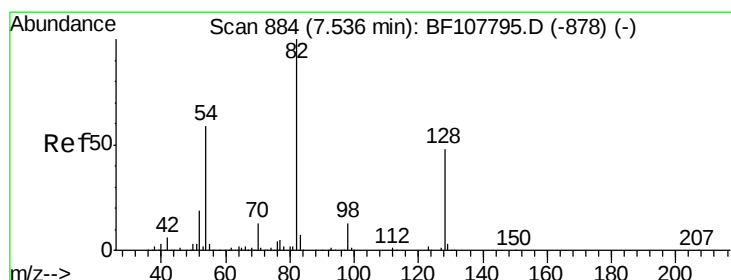
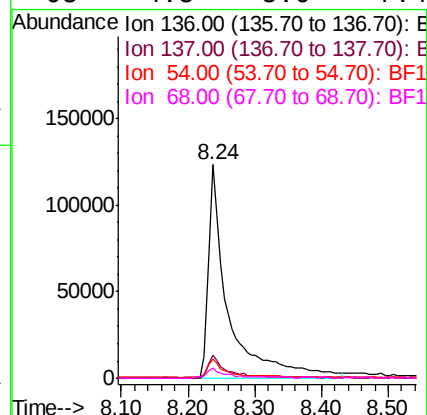
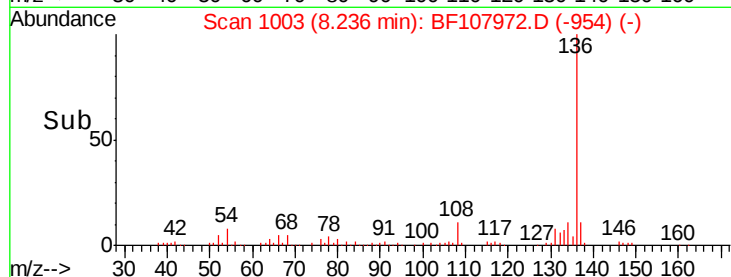
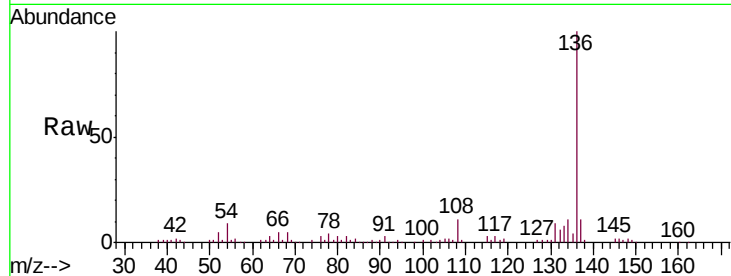




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107972.D
Acq: 4 Aug 2018 7:15

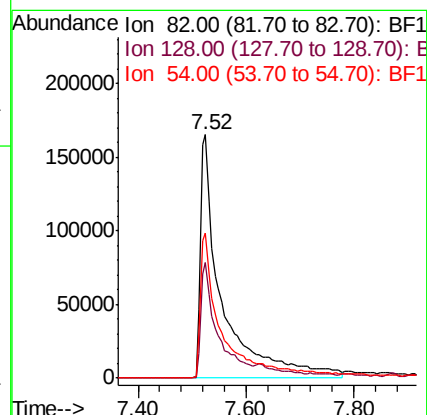
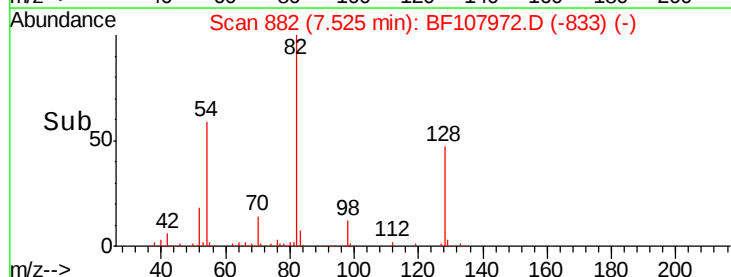
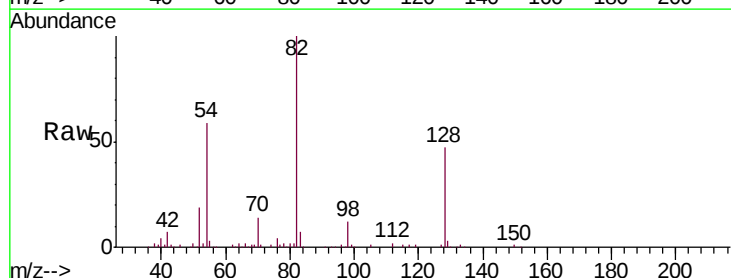
Instrument :
BNA_F
ClientSampleId :
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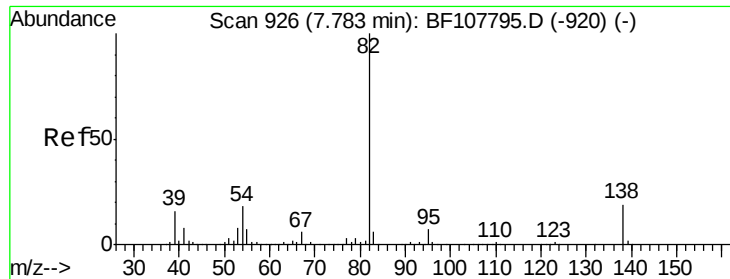
Tgt Ion:	136	Resp:	254798
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	6.6	9.8
68	4.5	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 103.478 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107972.D
Acq: 4 Aug 2018 7:15

Tgt Ion:	82	Resp:	457660
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	59.4	41.4	62.2





#25

Isophorone

Concen: 63.039 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107972.D

Acq: 4 Aug 2018 7:15

Instrument :

BNA_F

ClientSampleId :

MW-28

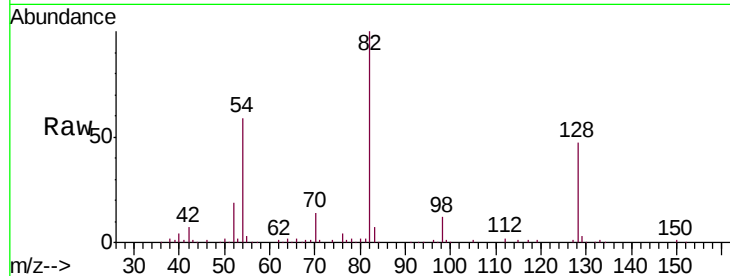
Tgt Ion: 82 Resp: 457660

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

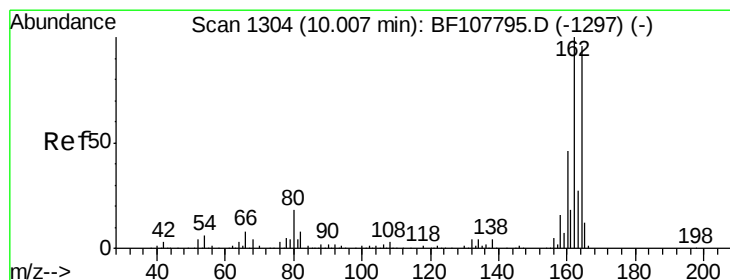
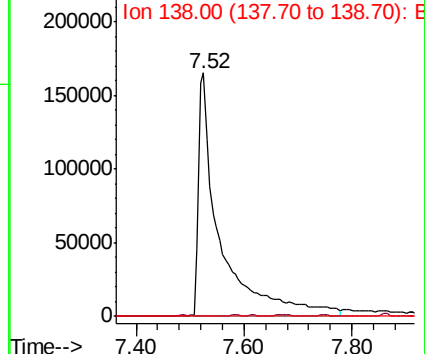
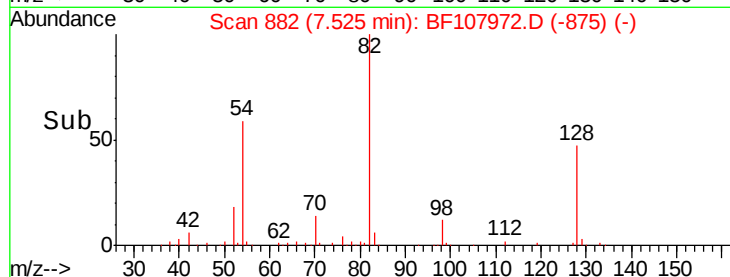
138 0.0 14.9 22.3#



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# 1302

Delta R.T. -0.01 min

Lab File: BF107972.D

Acq: 4 Aug 2018 7:15

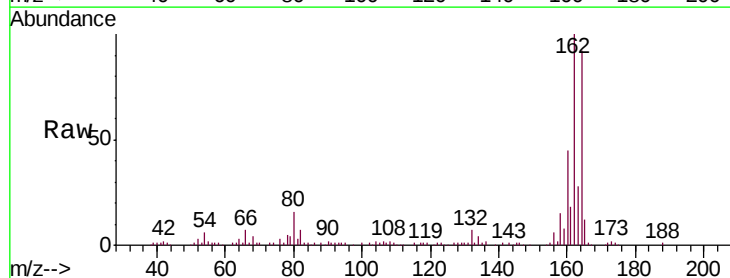
Tgt Ion: 164 Resp: 108570

Ion Ratio Lower Upper

164 100

162 108.9 86.1 129.1

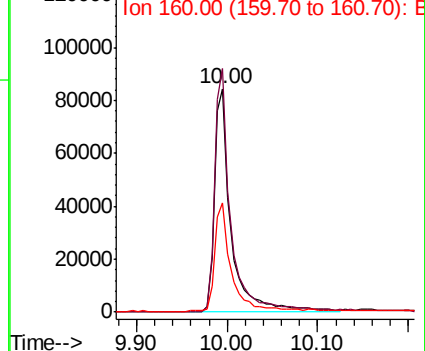
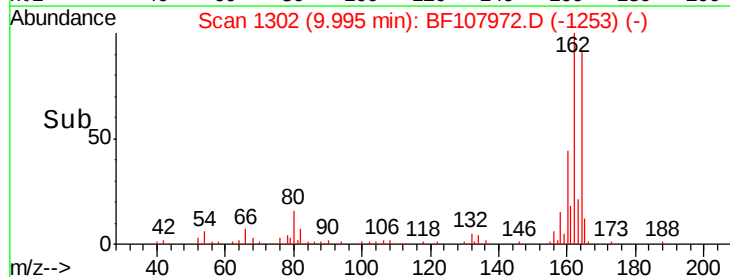
160 48.7 38.3 57.5

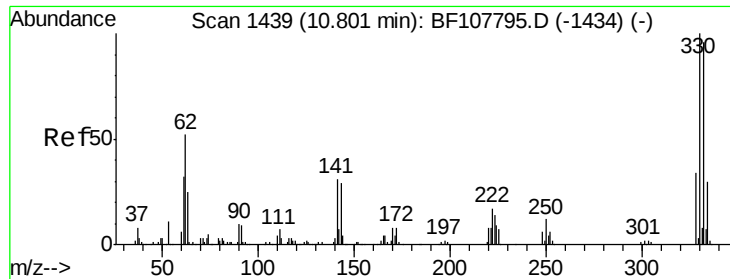


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

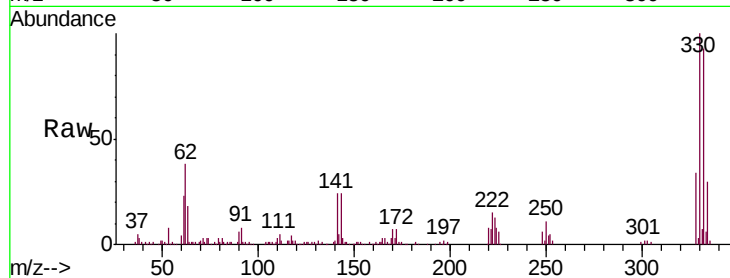




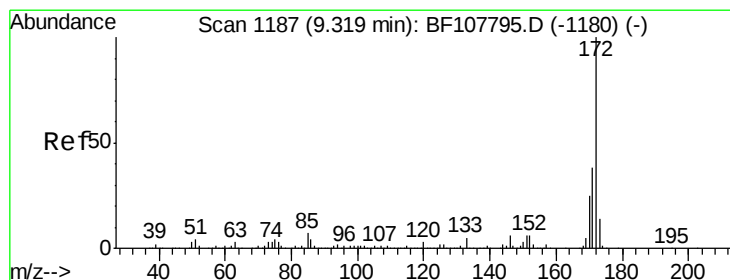
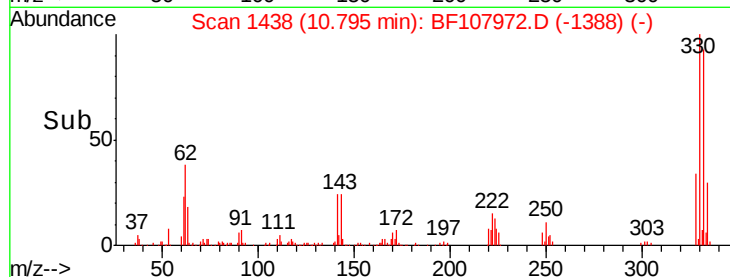
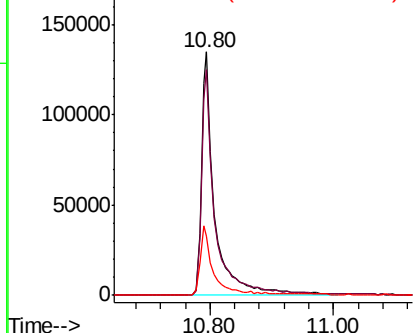
#41
 2,4,6-Tribromophenol
 Concen: 139.970 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107972.D
 Acq: 4 Aug 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.5	77.0	115.6
141	26.8	29.9	44.9#

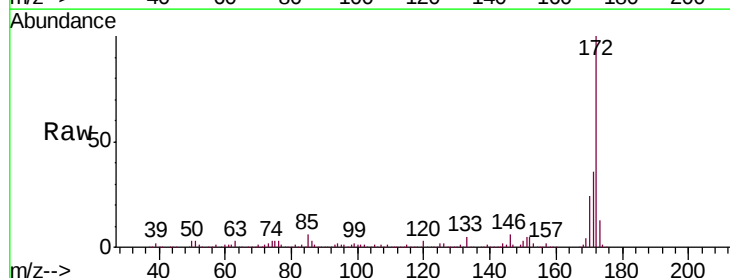


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

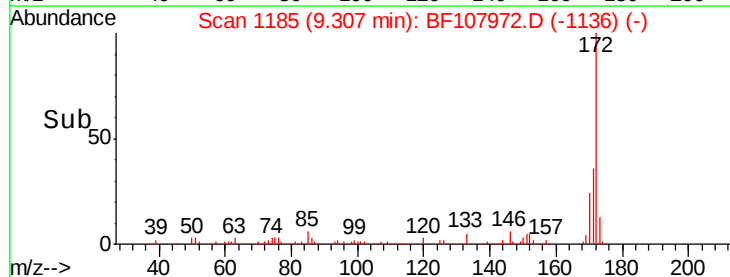
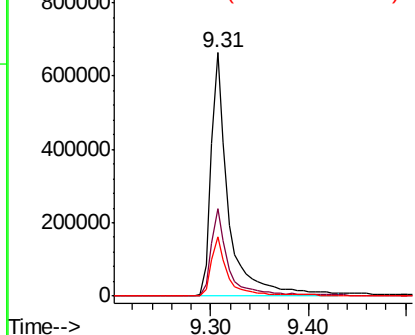


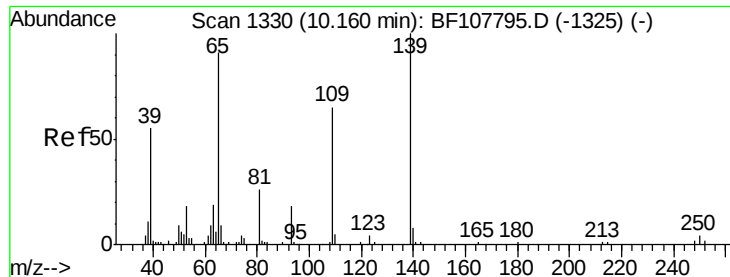
#44
 2-Fluorobiphenyl
 Concen: 107.245 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107972.D
 Acq: 4 Aug 2018 7:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	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

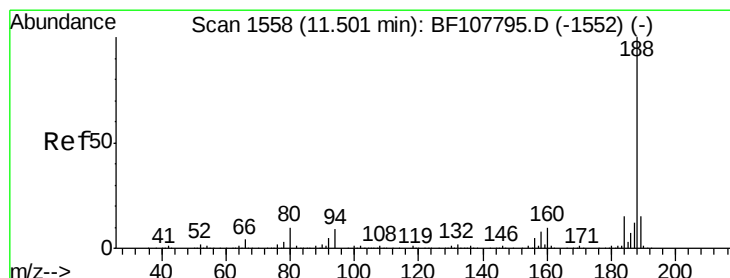
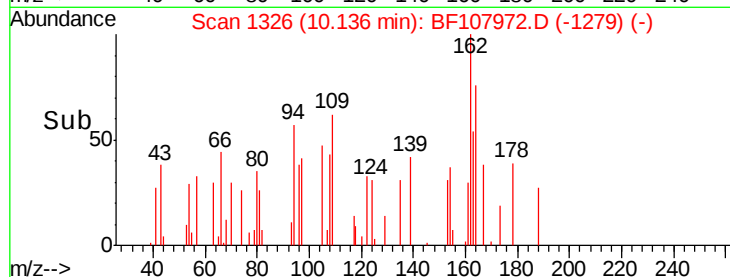
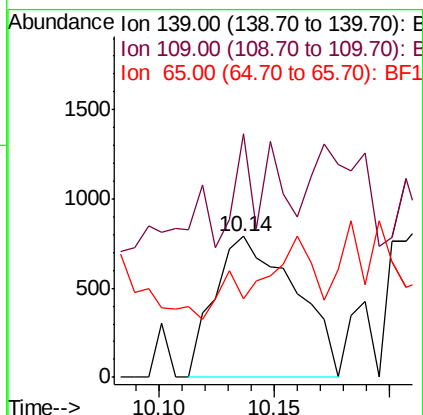
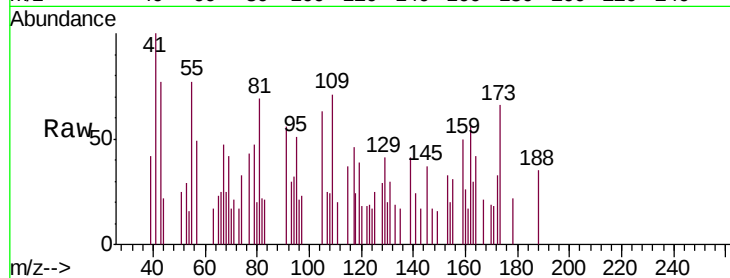




#55
4-Nitrophenol
Concen: 10.918 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF107972.D
Acq: 4 Aug 2018 7:15

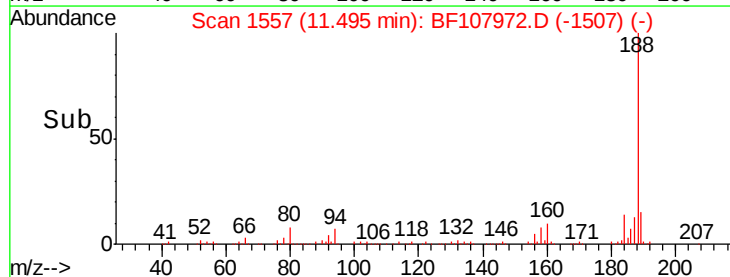
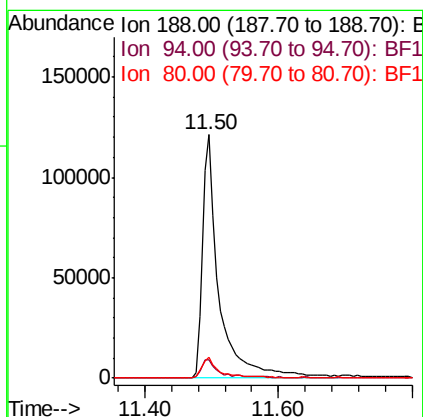
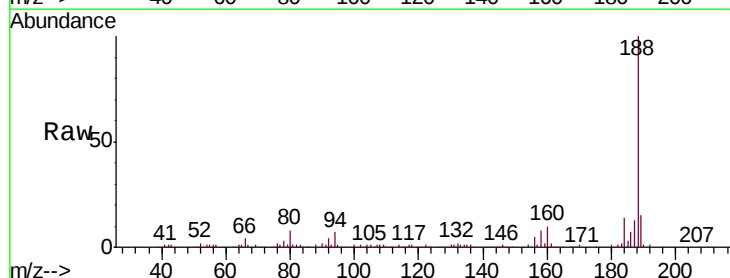
Instrument :
BNA_F
ClientSampled :
MW-28

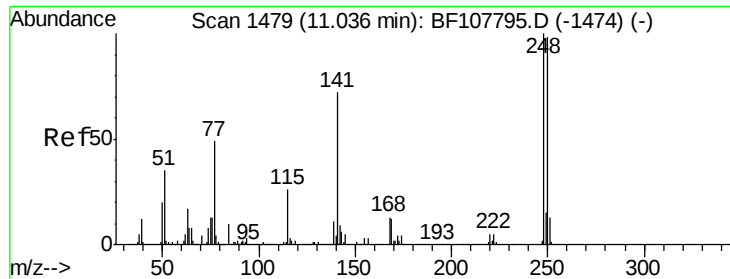
Tgt Ion:139 Resp: 1909
Ion Ratio Lower Upper
139 100
109 172.8 48.4 88.4#
65 55.6 72.6 112.6#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107972.D
Acq: 4 Aug 2018 7:15

Tgt Ion:188 Resp: 206246
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 8.5 9.2 13.8#

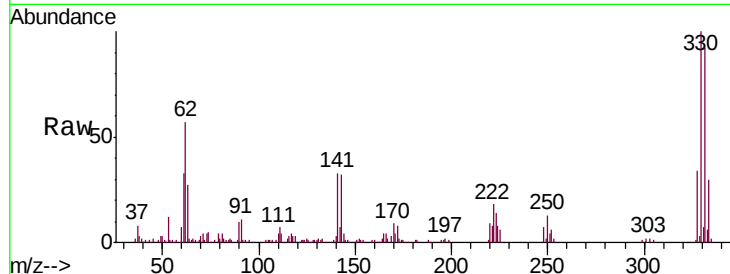




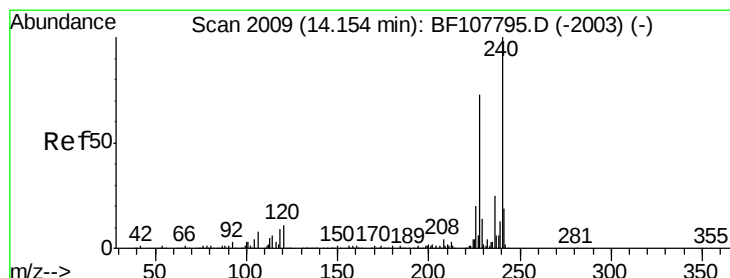
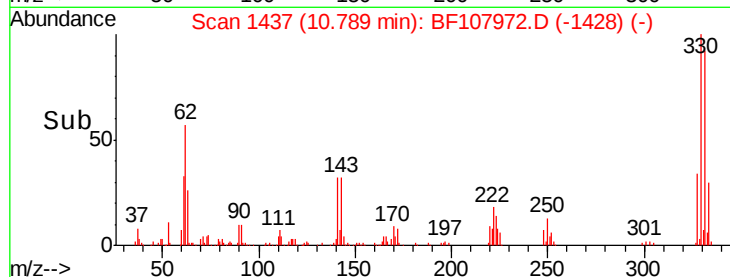
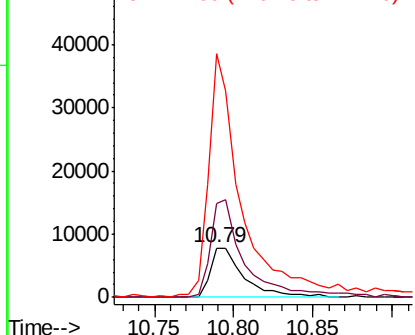
#66
 4-Bromophenyl-phenylether
 Concen: 4.815 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107972.D
 Acq: 4 Aug 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tgt Ion:248 Resp: 11574
 Ion Ratio Lower Upper
 248 100
 250 192.3 76.9 115.3#
 141 495.4 74.4 111.6#

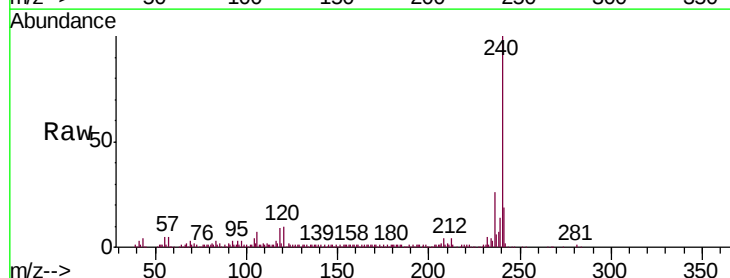


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

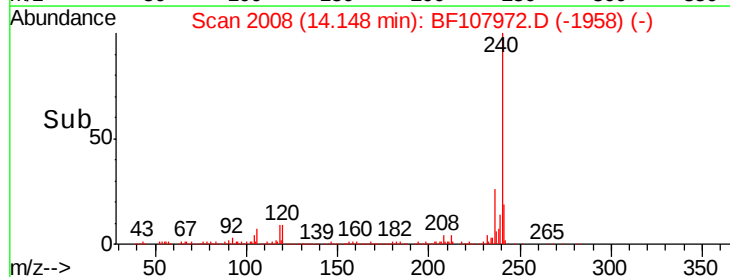
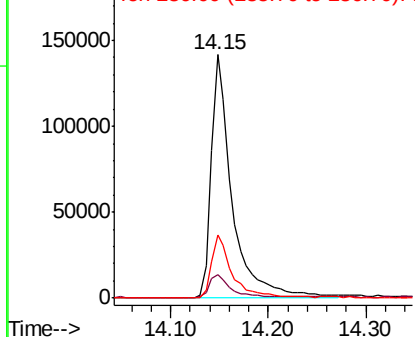


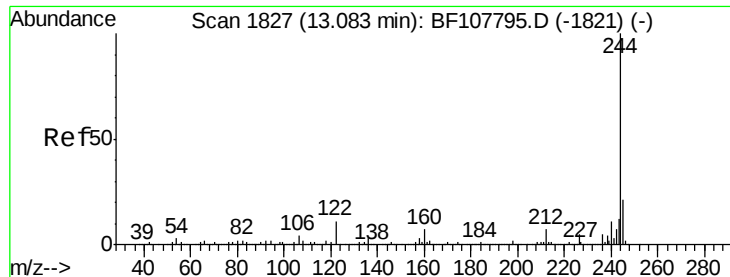
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF107972.D
 Acq: 4 Aug 2018 7:15

Tgt Ion:240 Resp: 211275
 Ion Ratio Lower Upper
 240 100
 120 9.7 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: 93.967 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107972.D

Acq: 4 Aug 2018 7:15

Instrument :

BNA_F

ClientSampleId :

MW-28

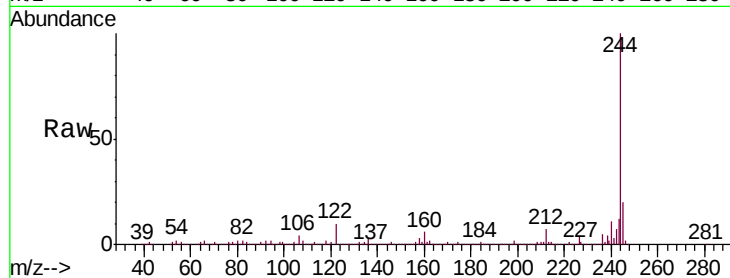
Tgt Ion:244 Resp: 915542

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

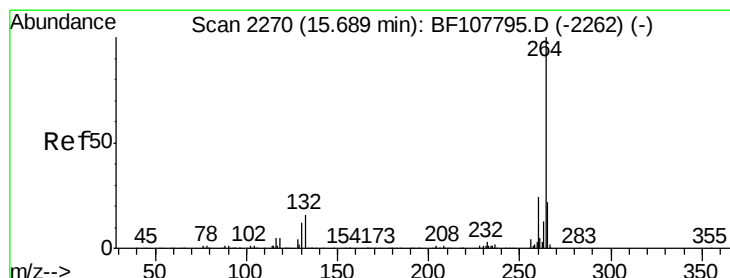
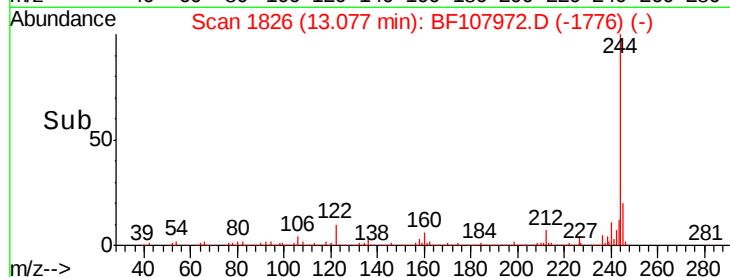
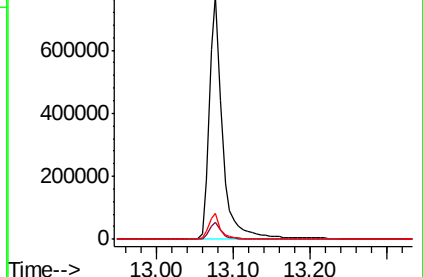
122 10.5 11.0 16.4#



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: BF107972.D

Acq: 4 Aug 2018 7:15

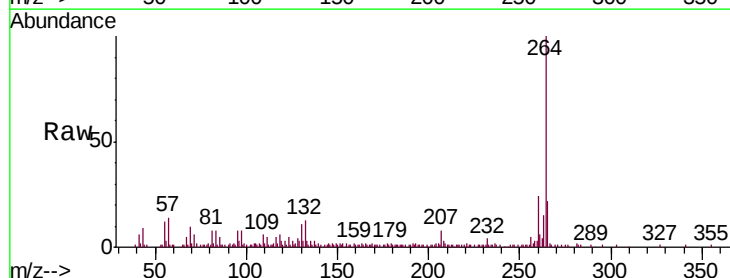
Tgt Ion:264 Resp: 153242

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.8 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

