

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107918.D
 Acq On : 2 Aug 2018 19:18
 Operator : JU/SJ
 Sample : J4267-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-S

Quant Time: Aug 03 00:55:24 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	95688	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	240999	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	115353	20.00	ng	0.02
63) Phenanthrene-d10	11.54	188	140257	20.00	ng	0.04
75) Chrysene-d12	14.18	240	227642	20.00	ng	0.02
86) Perylene-d12	15.71	264	228811	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	645837	114.71	ng	0.00
7) Phenol-d6	6.60	99	695149	93.68	ng	0.00
23) Nitrobenzene-d5	7.52	82	254501	60.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	99516	63.49	ng	0.04
44) 2-Fluorobiphenyl	9.33	172	479847	57.97	ng	0.01
78) Terphenyl-d14	13.11	244	519433	49.48	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	225	5.868	ng	# 1
3) Pyridine	3.64	79	108	6.268	ng	# 1
10) Phenol	6.62	94	38672	4.370	ng	# 1
15) Benzyl Alcohol	7.11	79	24818	5.381	ng	# 54
18) Hexachloroethane	7.44	117	14357	4.837	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	47141	10.015	ng	# 69
22) Acetophenone	7.34	105	230008	39.669	ng	# 62
24) Nitrobenzene	7.52	77	36409	8.300	ng	# 38
25) Isophorone	7.77	82	192946	28.098	ng	# 1
26) 2-Nitrophenol	7.85	139	20676	9.392	ng	# 1
27) 2,4-Dimethylphenol	7.90	122	19506	6.618	ng	# 41
28) bis(2-Chloroethoxy)methane	7.98	93	18604	4.111	ng	# 1
29) 2,4-Dichlorophenol	8.08	162	12001	3.600	ng	# 1
31) Naphthalene	8.26	128	55346	4.940	ng	# 1
32) Benzoic acid	8.03	122	23596	12.972	ng	# 44
33) 4-Chloroaniline	8.29	127	15347	3.207	ng	# 1
35) Caprolactam	8.67	113	259453	258.519	ng	# 16
36) 4-Chloro-3-methylphenol	8.80	107	56249	15.535	ng	# 34
37) 2-Methylnaphthalene	8.98	142	438032	62.248	ng	# 92
42) 2,4,6-Trichlorophenol	9.24	196	13339	6.135	ng	# 13
45) 1,1'-Biphenyl	9.17	154	51455	4.902	ng	# 97
47) 2-Nitroaniline	9.48	65	82376	31.991	ng	# 40
48) Acenaphthylene	9.89	152	73179	5.963	ng	# 1
49) Dimethylphthalate	9.72	163	20716	2.391	ng	# 39
50) 2,6-Dinitrotoluene	9.78	165	61183	32.498	ng	# 67
51) Acenaphthene	10.07	154	71254	9.995	ng	# 61
52) 3-Nitroaniline	9.98	138	16664	7.024	ng	# 44
53) 2,4-Dinitrophenol	10.25	184	12046	19.300	ng	# 1
54) Dibenzofuran	10.24	168	46342	4.206	ng	# 1
55) 4-Nitrophenol	10.14	139	82608	74.686	ng	# 12
56) 2,4-Dinitrotoluene	10.24	165	26018	10.515	ng	# 60
57) Fluorene	10.59	166	105574	12.328	ng	# 59
59) Diethylphthalate	10.41	149	50658	5.439	ng	# 4
60) 4-Chlorophenyl-phenylether	10.51	204	25935	5.559	ng	# 1

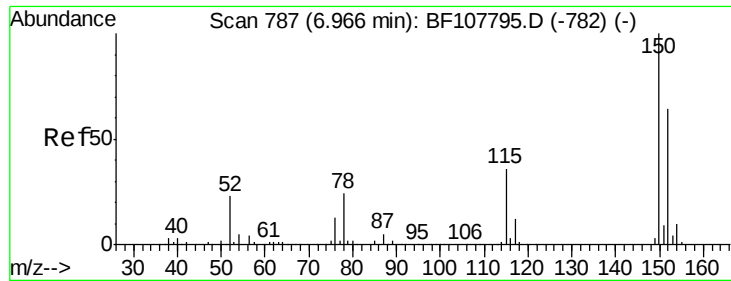
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
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 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Nitroaniline	10.64	138	11518	5.471	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.64	198	2004	2.626	ng	# 1
65) n-Nitrosodiphenylamine	10.70	169	380326	82.352	ng	# 47
68) Atrazine	11.20	200	11069	8.098	ng	# 1
69) Pentachlorophenol	11.35	266	2408	2.698	ng	# 32
70) Phenanthrene	11.57	178	489148	73.447	ng	# 91
71) Anthracene	11.61	178	56224	7.319	ng	# 62
72) Carbazole	11.78	167	53357	7.029	ng	# 1
74) Fluoranthene	12.99	202	263457	33.673	ng	72
77) Pyrene	12.99	202	263457	16.072	ng	# 78
79) Butylbenzylphthalate	13.68	149	28247	3.935	ng	# 33
80) Benzo(a)anthracene	14.17	228	54252	4.207	ng	# 50
82) Chrysene	14.21	228	89113	6.407	ng	# 69

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

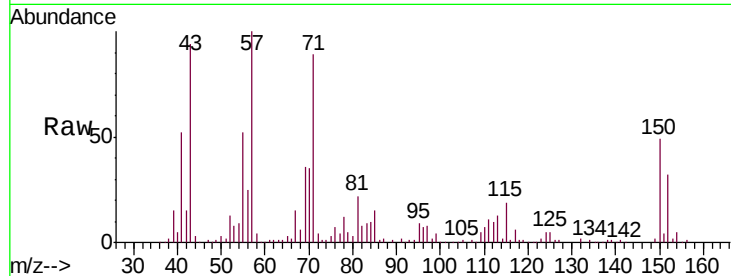


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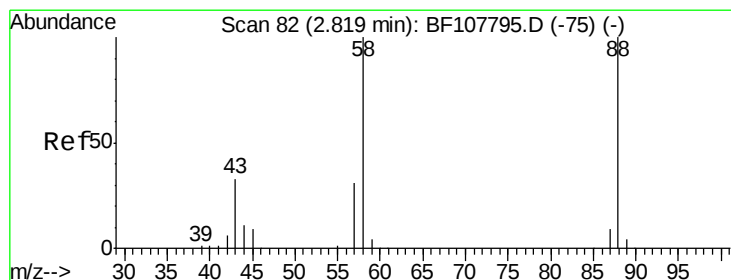
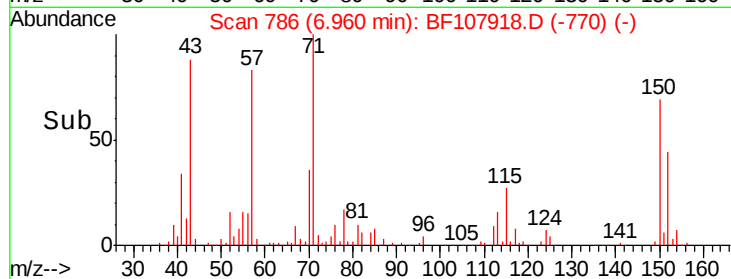
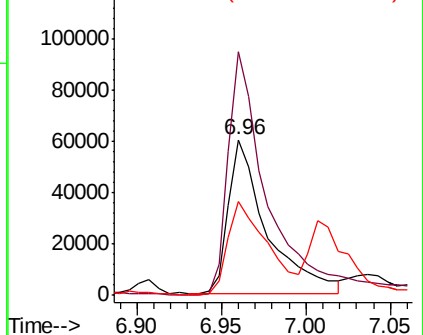
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Instrument :
BNA_F
ClientSampleId :
UST-S

Tgt Ion:152 Resp: 95688
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 60.5 50.1 75.1



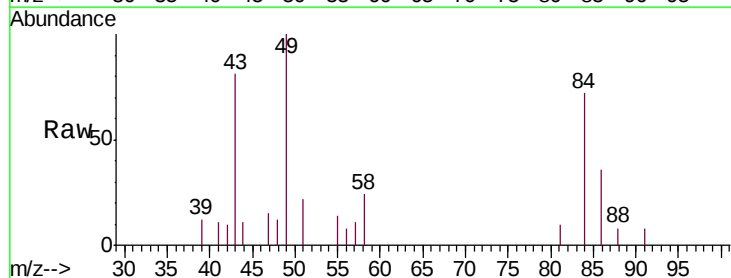
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



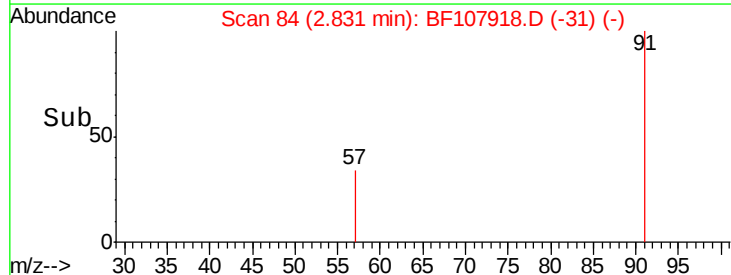
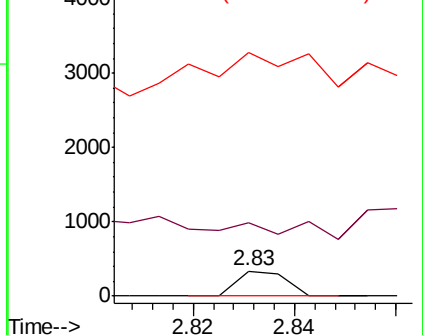
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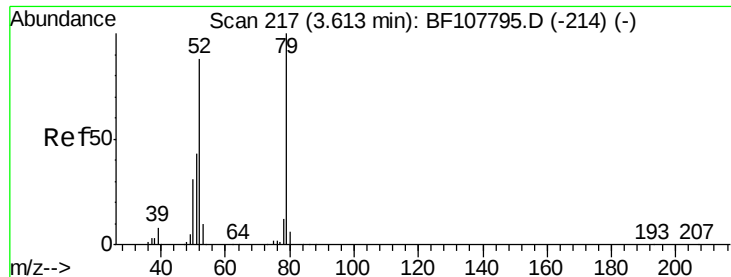
1,4-Dioxane
Concen: 5.868 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 428.0 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

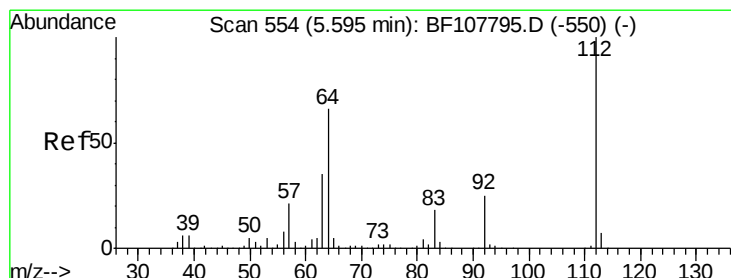
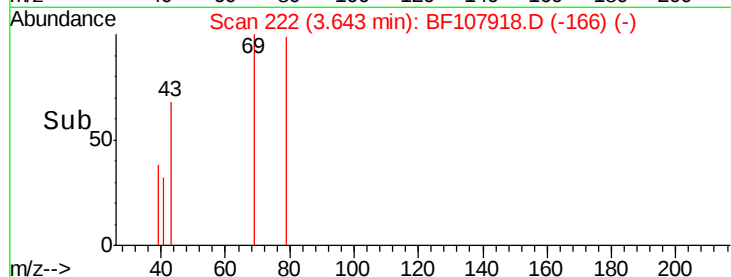
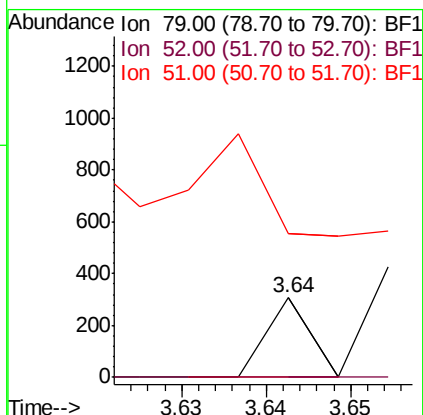
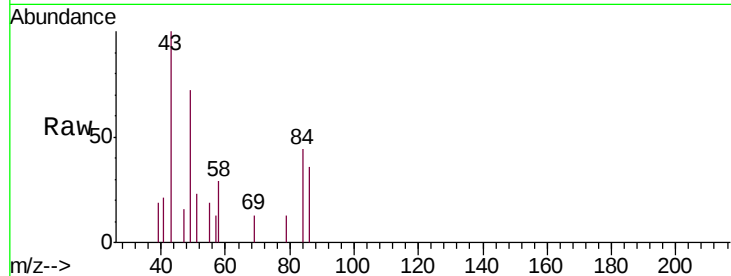




#3
 Pyridine
 Concen: 6.268 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.03 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

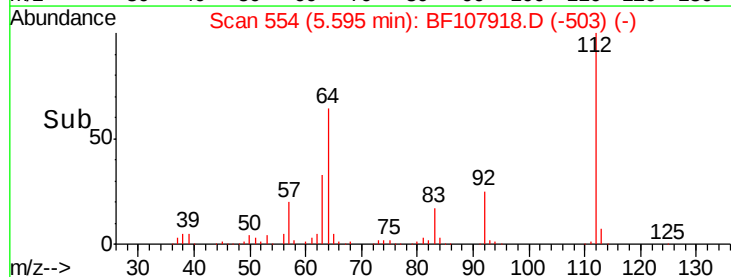
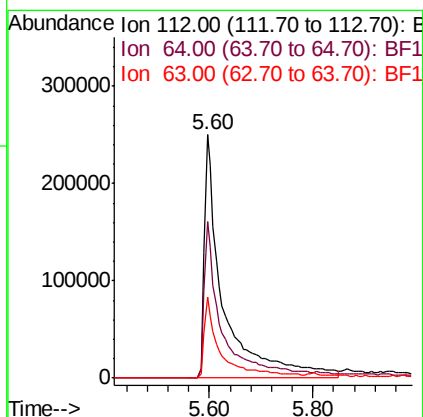
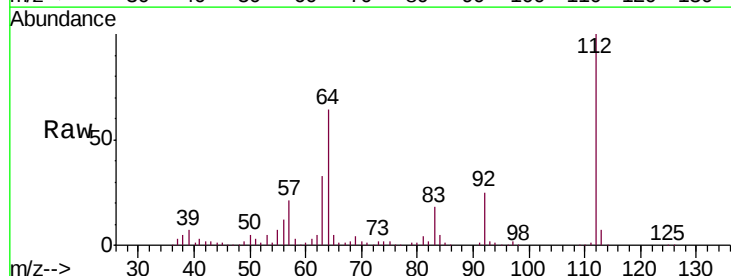
Instrument :
 BNA_F
 ClientSampleId :
 UST-S

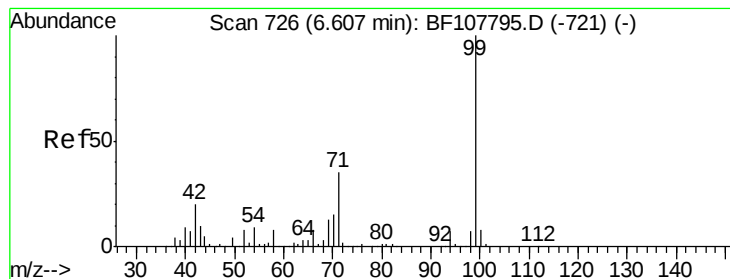
Tgt Ion: 79 Resp: 108
 Ion Ratio Lower Upper
 79 100
 52 0.0 59.8 89.6#
 51 180.8 29.8 44.8#



#5
 2-Fluorophenol
 Concen: 114.709 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

Tgt Ion: 112 Resp: 645837
 Ion Ratio Lower Upper
 112 100
 64 64.2 47.9 71.9
 63 33.1 23.7 35.5





#7

Phenol-d6

Concen: 93.682 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampleId :

UST-S

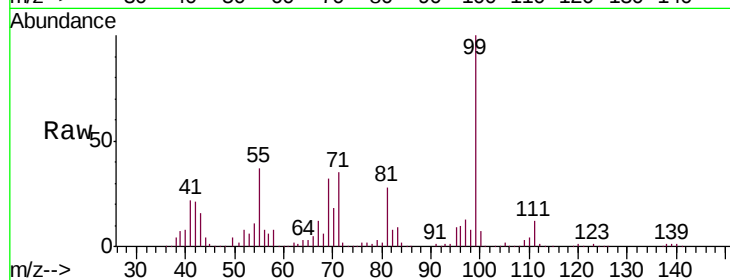
Tgt Ion: 99 Resp: 695149

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

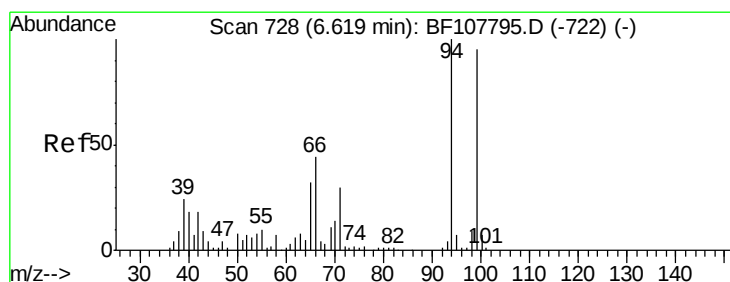
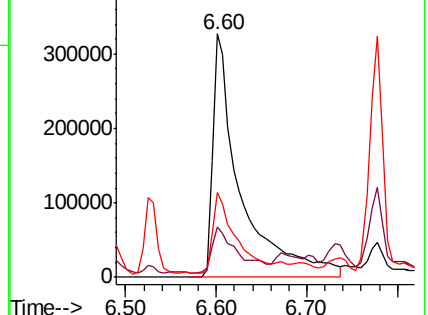
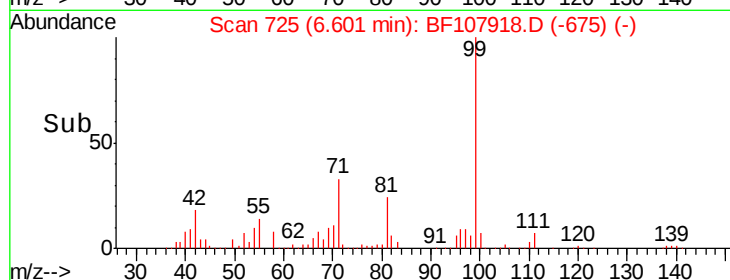
71 34.7 25.4 38.0



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



#10

Phenol

Concen: 4.370 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

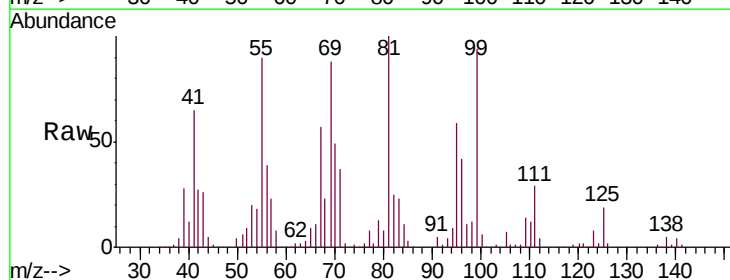
Tgt Ion: 94 Resp: 38672

Ion Ratio Lower Upper

94 100

65 101.5 7.9 47.9#

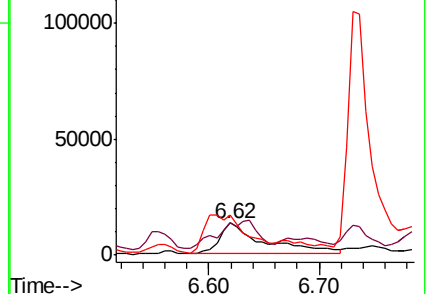
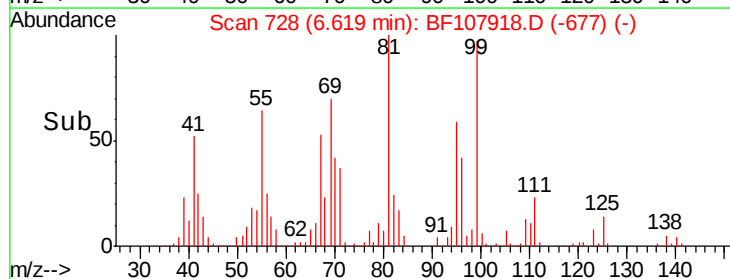
66 124.1 16.2 56.2#

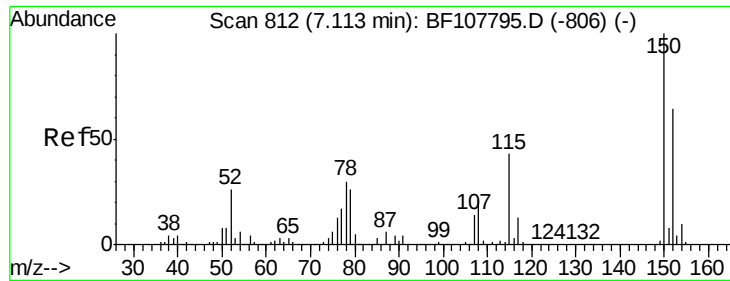


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

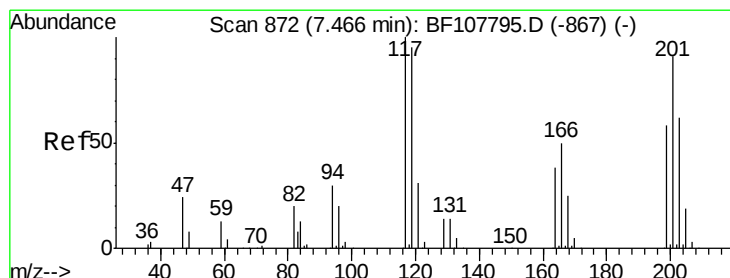
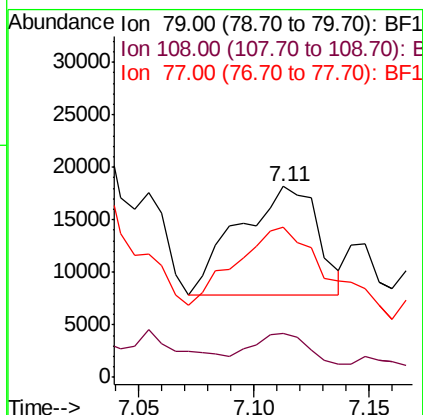
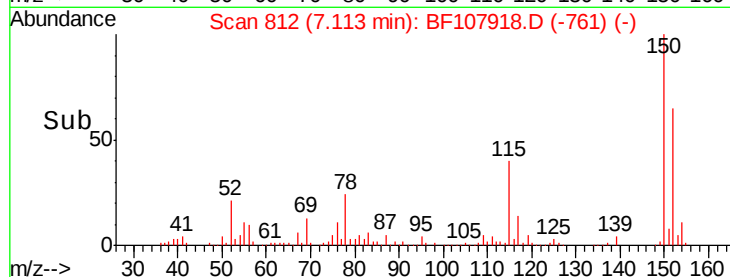
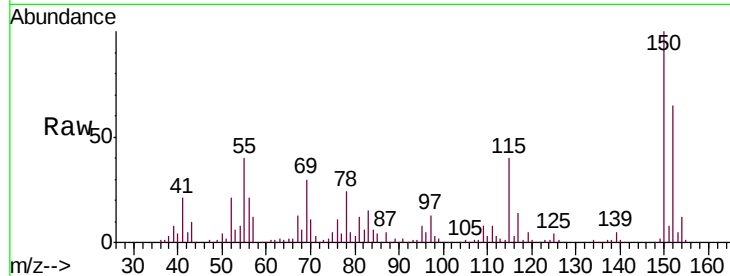




#15
Benzyl Alcohol
Concen: 5.381 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

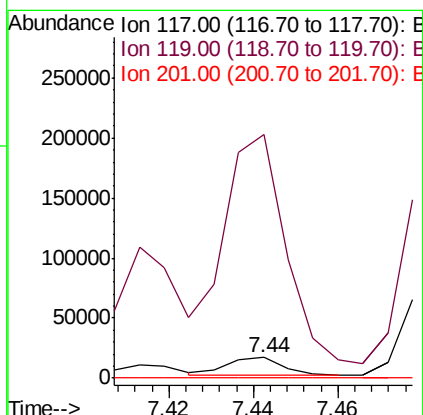
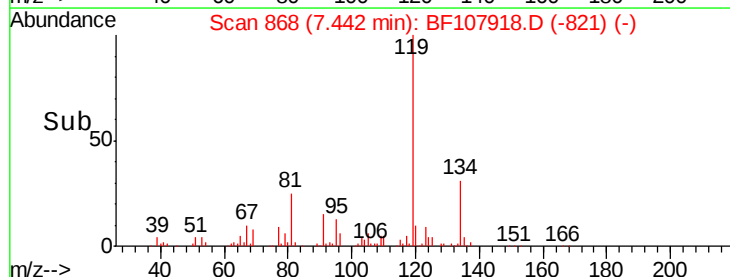
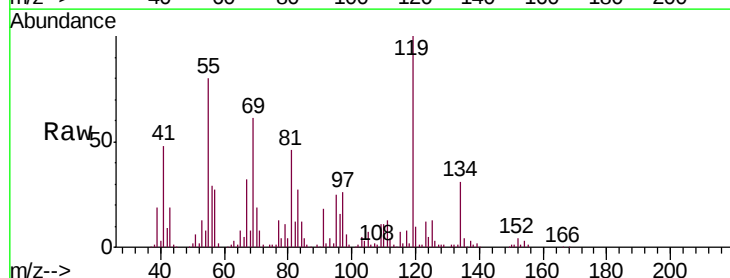
Instrument :
BNA_F
ClientSampleId :
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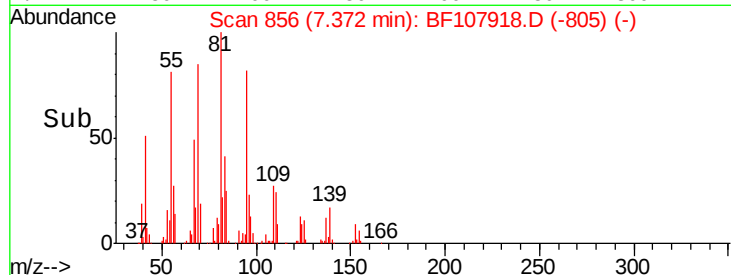
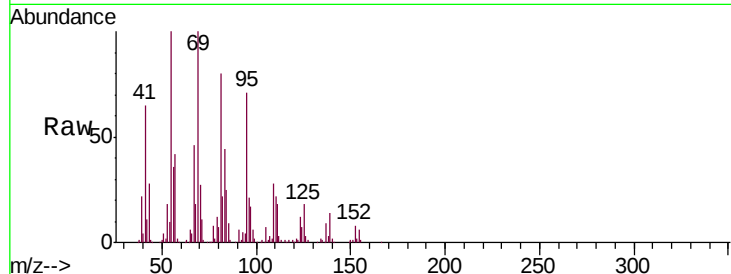
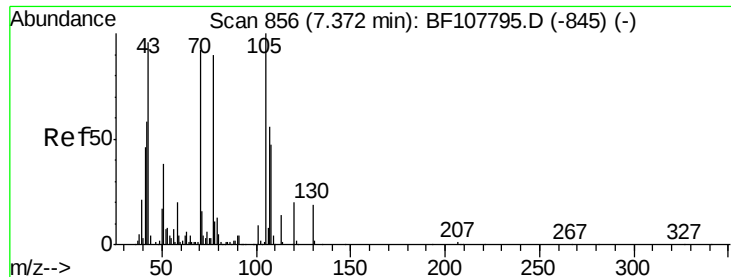
Tgt Ion: 79 Resp: 24818
Ion Ratio Lower Upper
79 100
108 23.1 65.1 97.7#
77 79.0 50.6 75.8#



#18
Hexachloroethane
Concen: 4.837 ng
RT: 7.44 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion: 117 Resp: 14357
Ion Ratio Lower Upper
117 100
119 1200.4 75.8 113.8#
201 0.0 75.7 113.5#

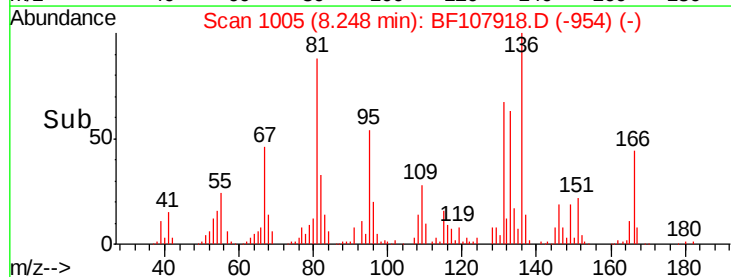
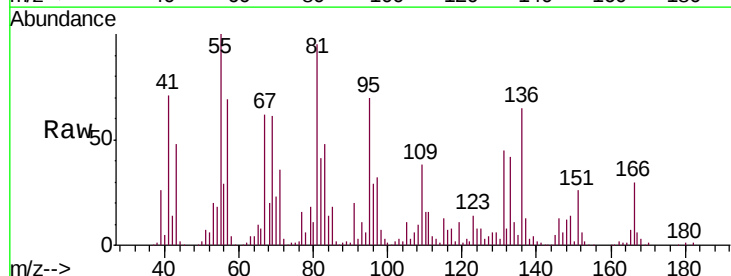
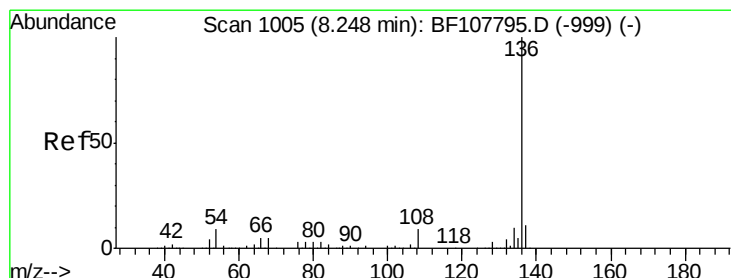
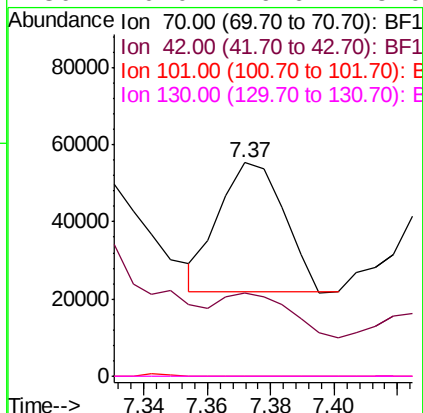




#19
n-Nitroso-di-n-propylamine
Concen: 10.015 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

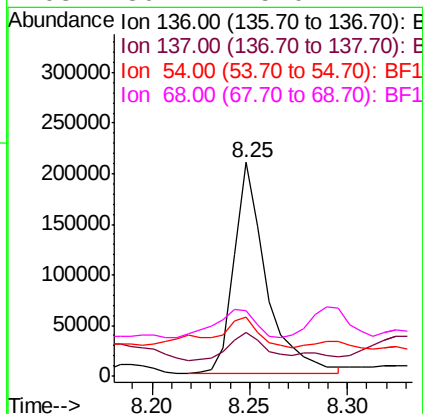
Instrument :
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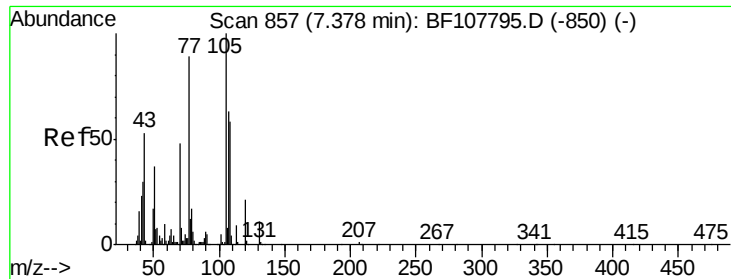
Tgt Ion: 70 Resp: 47141
Ion Ratio Lower Upper
70 100
42 39.1 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion: 136 Resp: 240999
Ion Ratio Lower Upper
136 100
137 20.5 8.9 13.3#
54 27.7 6.6 9.8#
68 30.7 5.0 7.4#





#22

Acetophenone

Concen: 39.669 ng

RT: 7.34 min Scan# 851

Delta R.T. -0.04 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampleId :

UST-S

Tgt Ion: 105 Resp: 230008

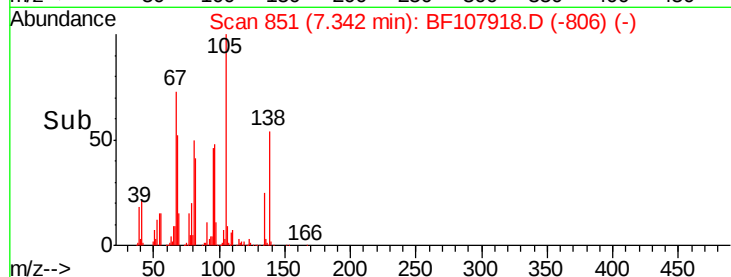
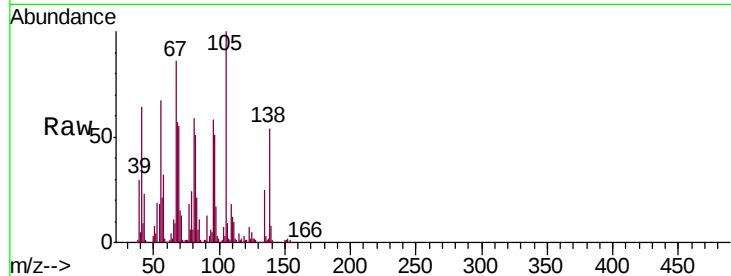
Ion Ratio Lower Upper

105 100

71 12.7 4.4 6.6#

51 8.2 22.3 33.5#

120 0.5 16.9 25.3#

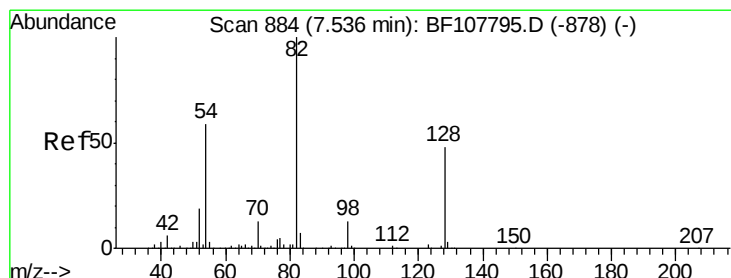
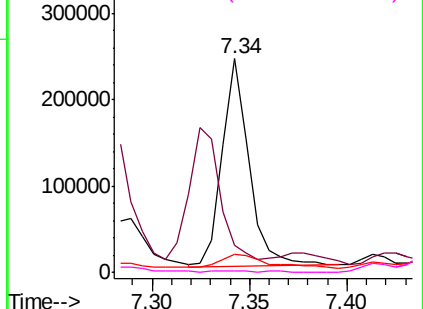


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 60.838 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

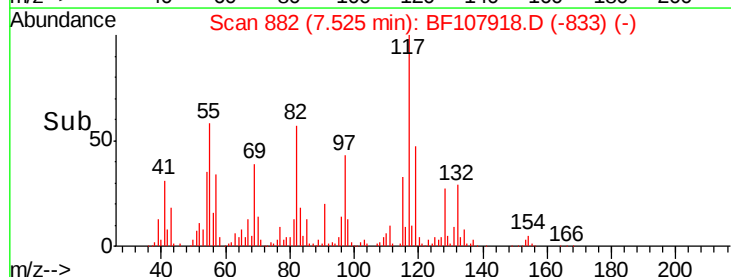
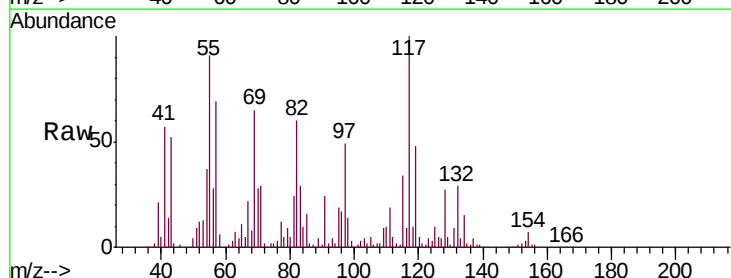
Tgt Ion: 82 Resp: 254501

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

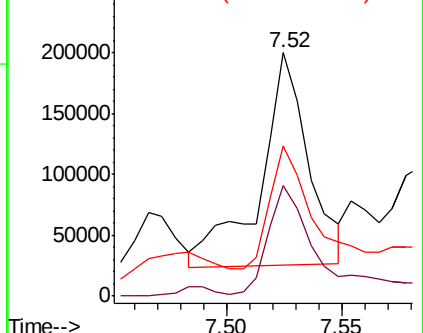
54 61.8 41.4 62.2

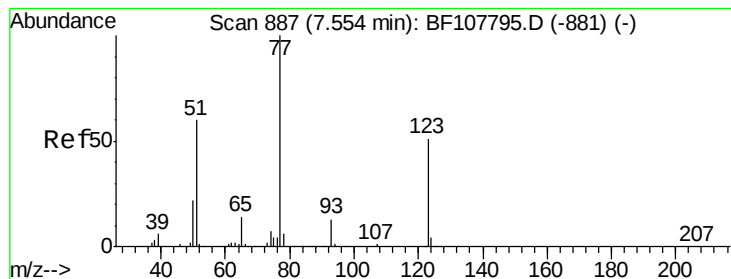


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 8.300 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampleId :

UST-S

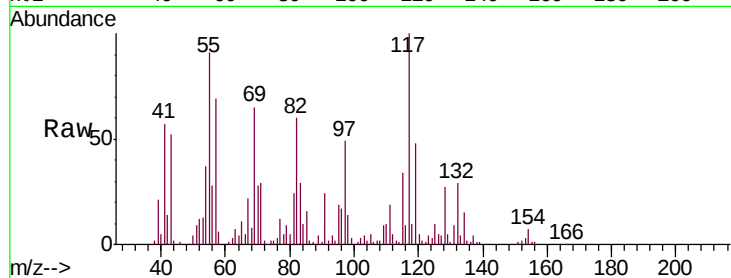
Tgt Ion: 77 Resp: 36409

Ion Ratio Lower Upper

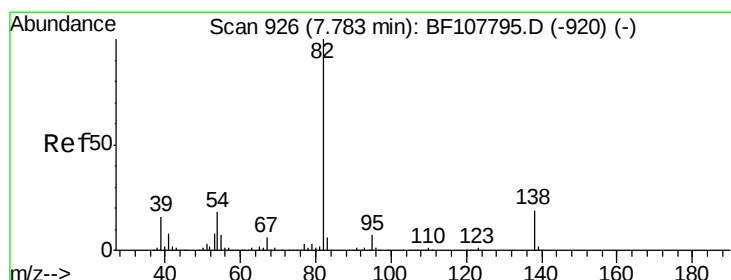
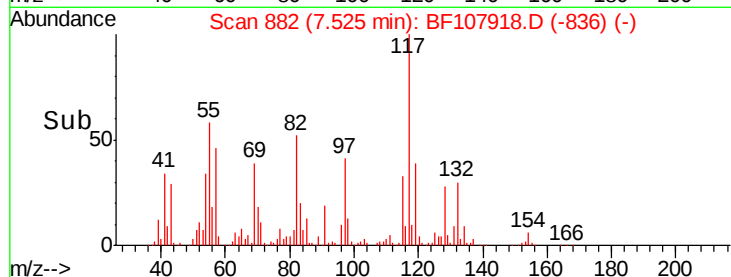
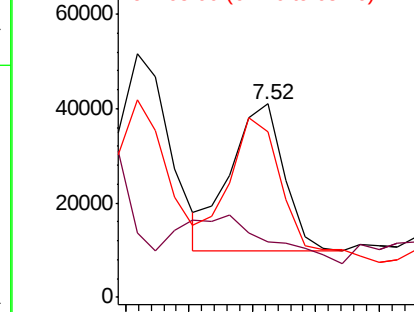
77 100

123 28.5 37.9 56.9#

65 86.0 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 28.098 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

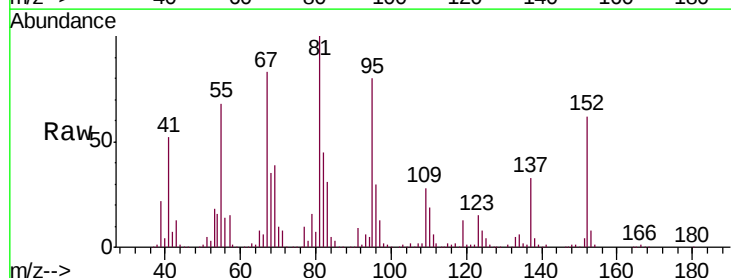
Tgt Ion: 82 Resp: 192946

Ion Ratio Lower Upper

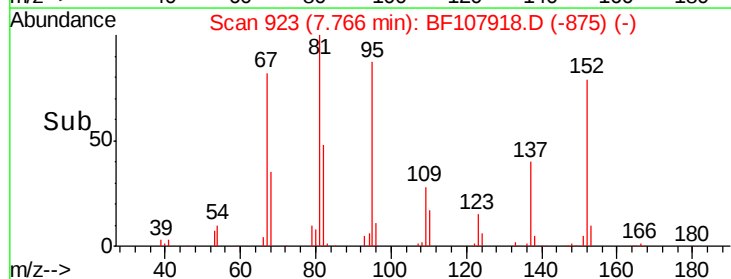
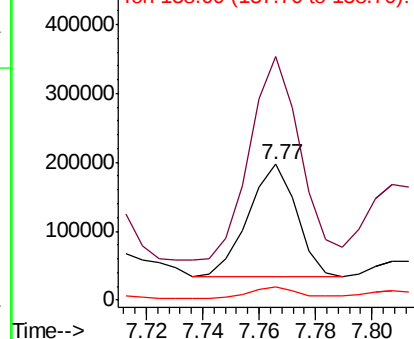
82 100

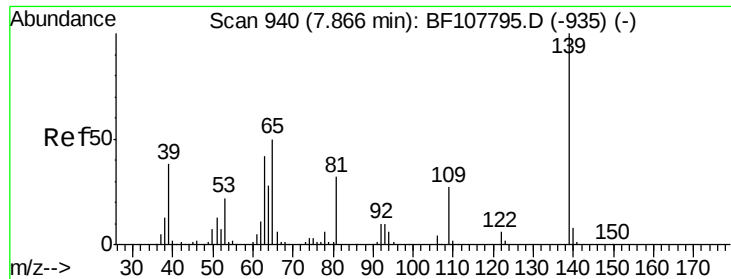
95 179.0 5.2 7.8#

138 9.7 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

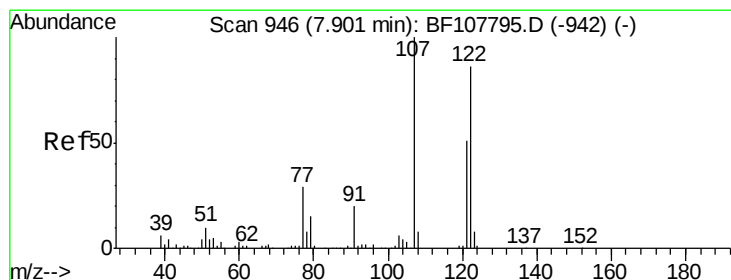
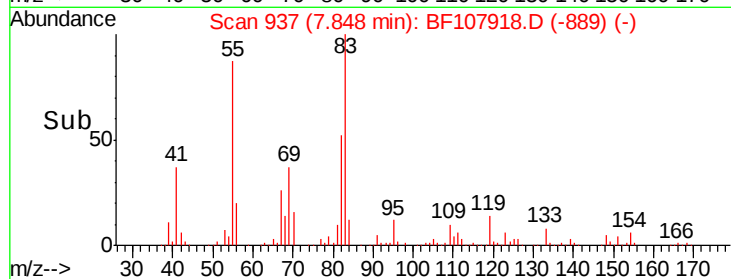
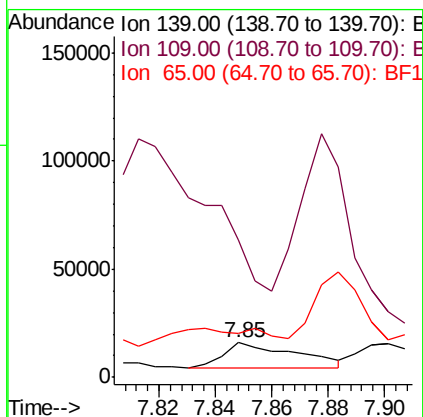
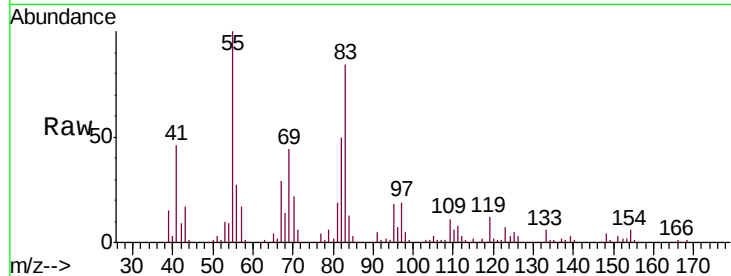




#26
 2-Nitrophenol
 Concen: 9.392 ng
 RT: 7.85 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

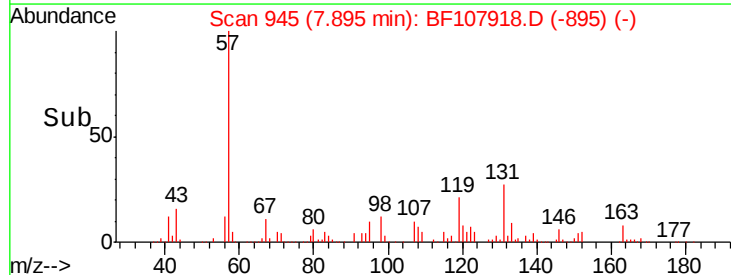
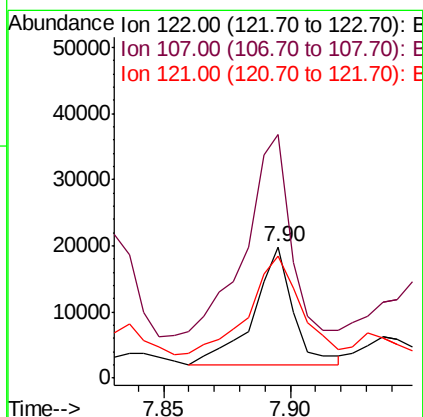
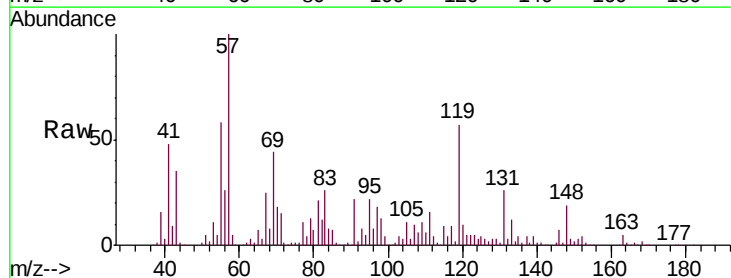
Instrument :
 BNA_F
 ClientSampleId :
 UST-S

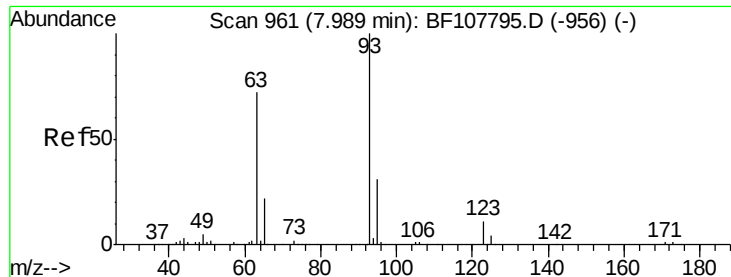
Tgt Ion:139 Resp: 20676
 Ion Ratio Lower Upper
 139 100
 109 396.6 22.7 34.1#
 65 126.3 40.5 60.7#



#27
 2,4-Dimethylphenol
 Concen: 6.618 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

Tgt Ion:122 Resp: 19506
 Ion Ratio Lower Upper
 122 100
 107 185.1 91.2 136.8#
 121 92.4 47.2 70.8#

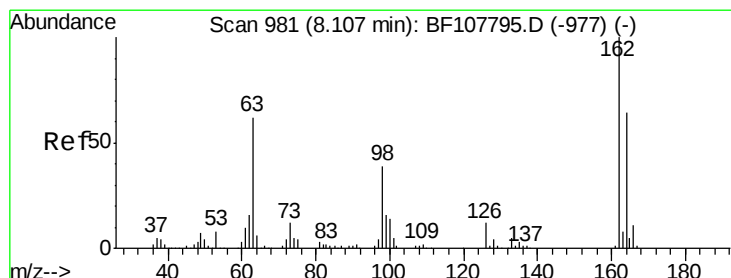
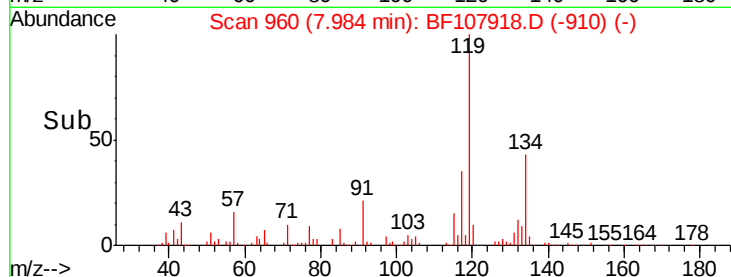
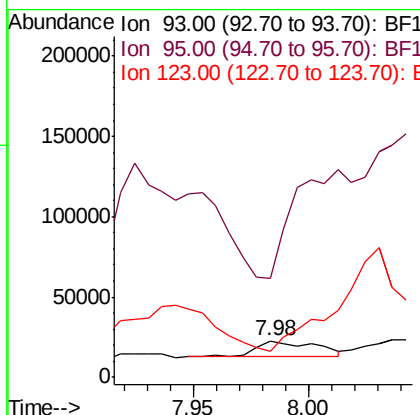
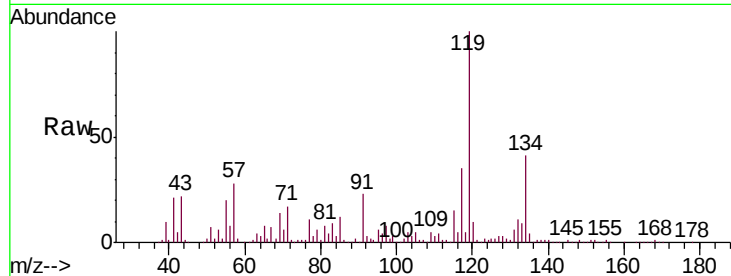




#28
 bis(2-Chloroethoxy)methane
 Concen: 4.111 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

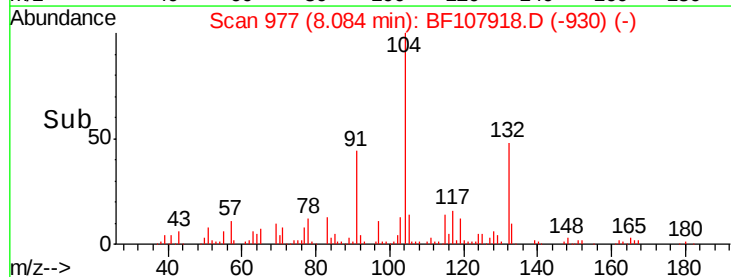
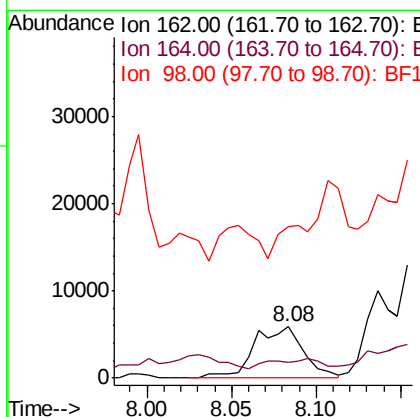
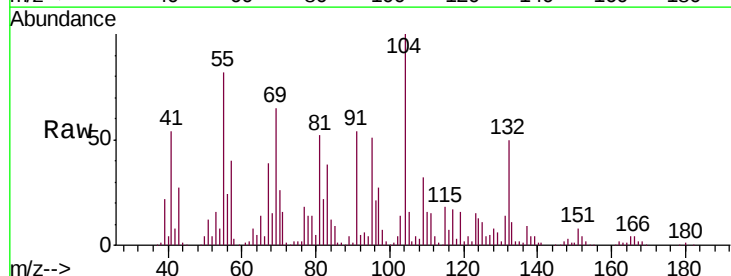
Instrument :
 BNA_F
 ClientSampleId :
 UST-S

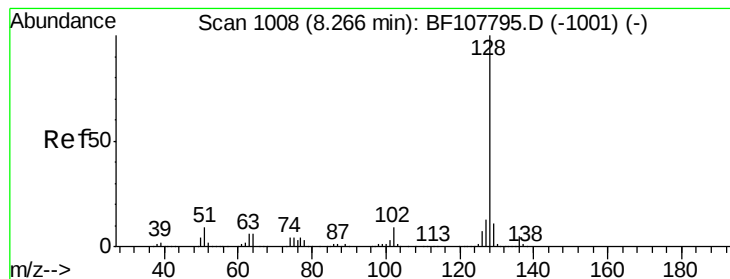
Tgt Ion: 93 Resp: 18604
 Ion Ratio Lower Upper
 93 100
 95 271.5 26.3 39.5#
 123 73.0 9.8 14.6#



#29
 2,4-Dichlorophenol
 Concen: 3.600 ng
 RT: 8.08 min Scan# 977
 Delta R.T. -0.02 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

Tgt Ion: 162 Resp: 12001
 Ion Ratio Lower Upper
 162 100
 164 31.4 42.7 82.7#
 98 295.2 18.1 58.1#





#31

Naphthalene

Concen: 4.940 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampleId :

UST-S

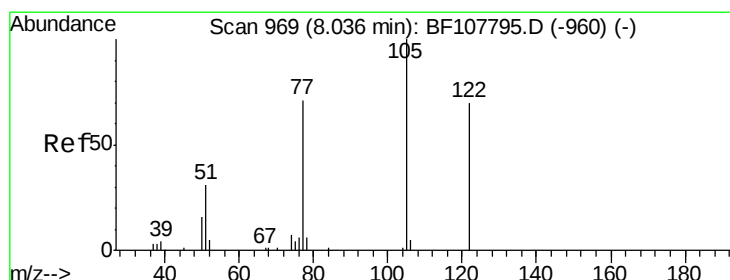
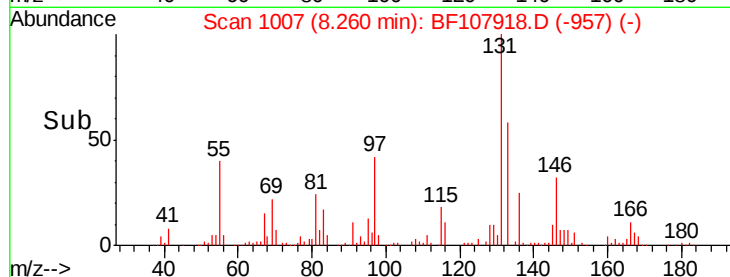
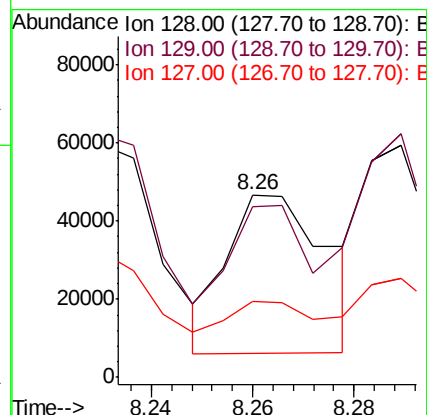
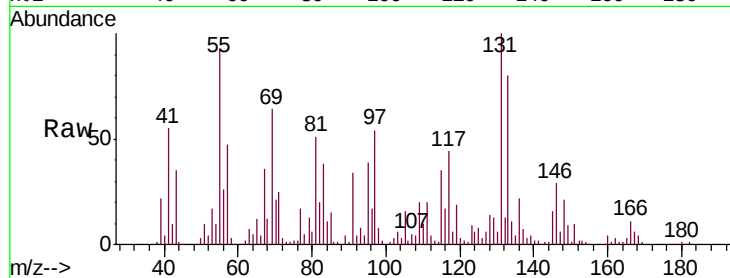
Tgt Ion:128 Resp: 55346

Ion Ratio Lower Upper

128 100

129 93.1 8.8 13.2#

127 41.5 10.9 16.3#



#32

Benzoic acid

Concen: 12.972 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

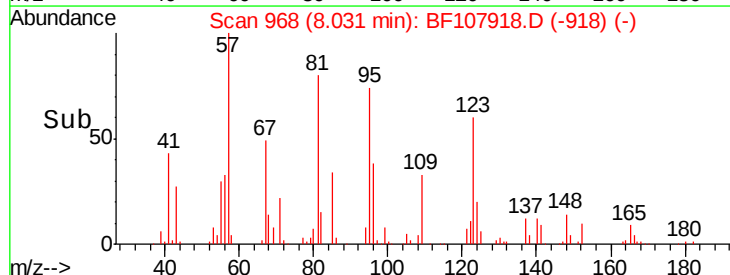
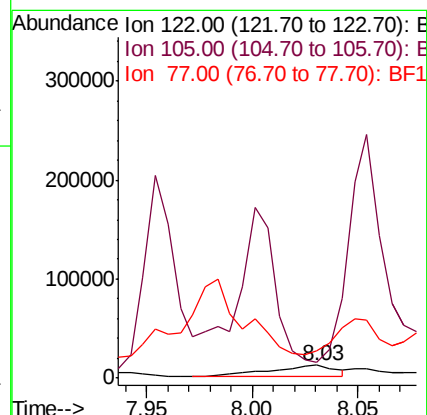
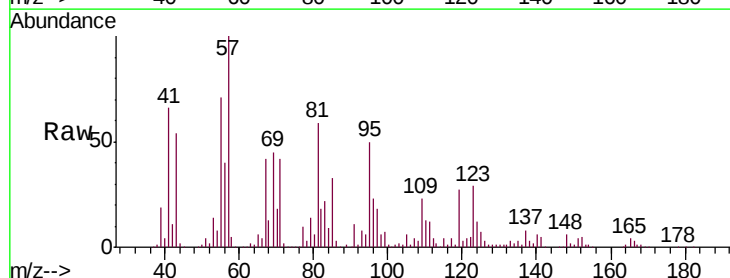
Tgt Ion:122 Resp: 23596

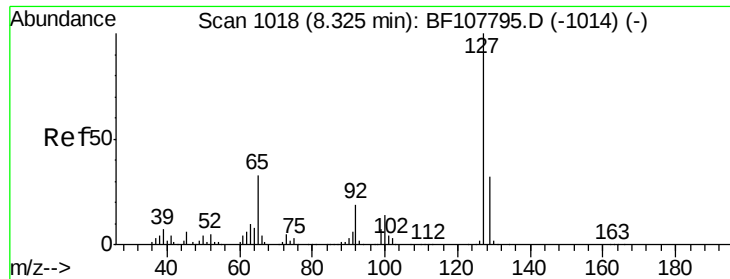
Ion Ratio Lower Upper

122 100

105 119.7 101.1 141.1

77 212.4 70.7 110.7#

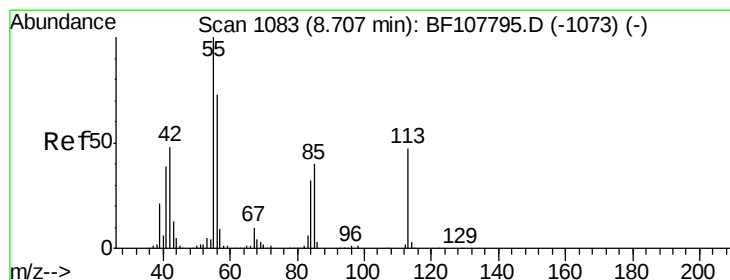
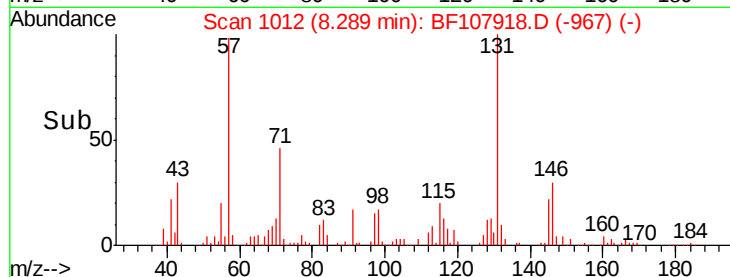
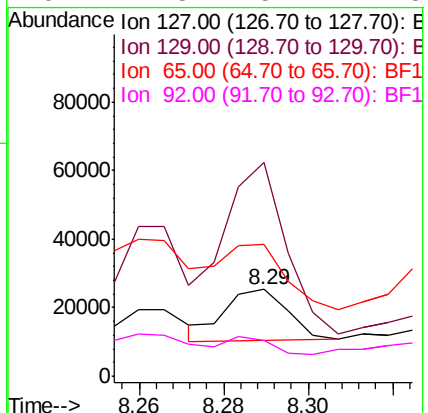
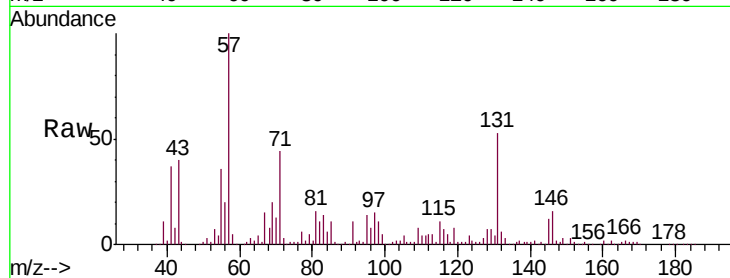




#33
4-Chloroaniline
Concen: 3.207 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

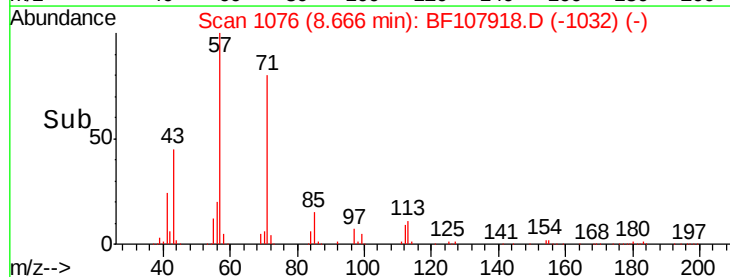
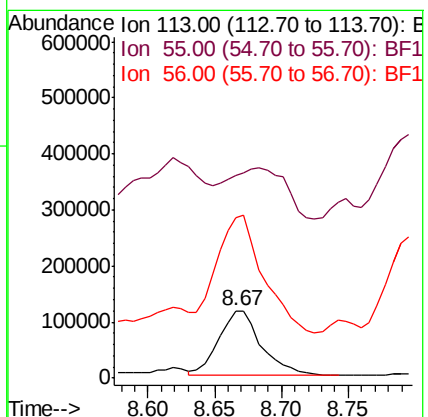
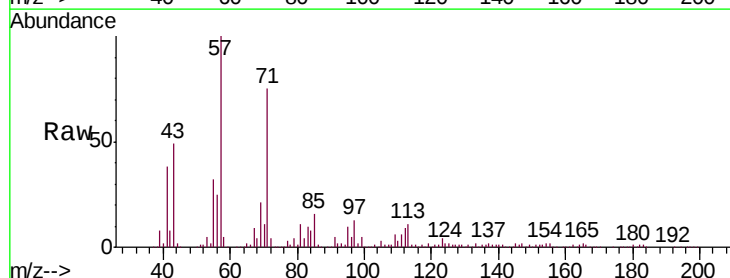
Instrument :
BNA_F
ClientSampled :
UST-S

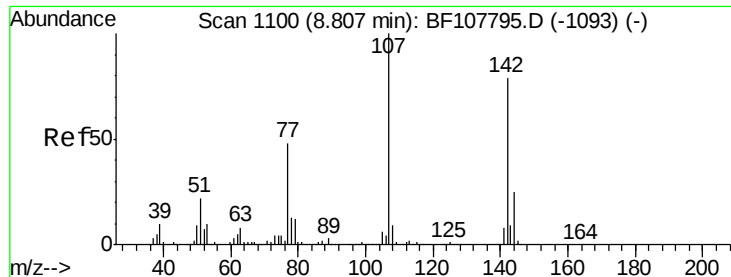
Tgt Ion:127 Resp: 15347
Ion Ratio Lower Upper
127 100
129 246.7 25.9 38.9#
65 152.3 25.0 37.4#
92 41.8 15.2 22.8#



#35
Caprolactam
Concen: 258.519 ng
RT: 8.67 min Scan# 1076
Delta R.T. -0.04 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion:113 Resp: 259453
Ion Ratio Lower Upper
113 100
55 301.4 163.3 203.3#
56 237.4 115.7 155.7#

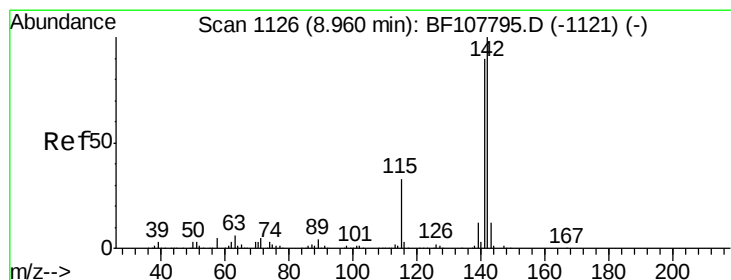
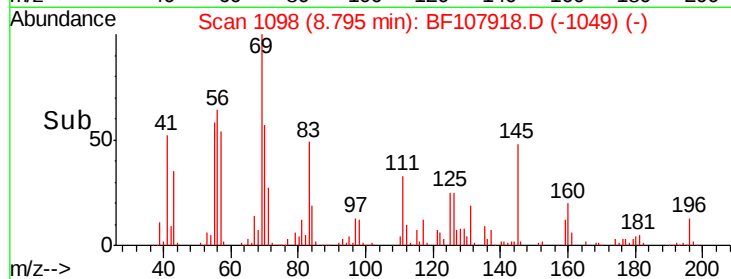
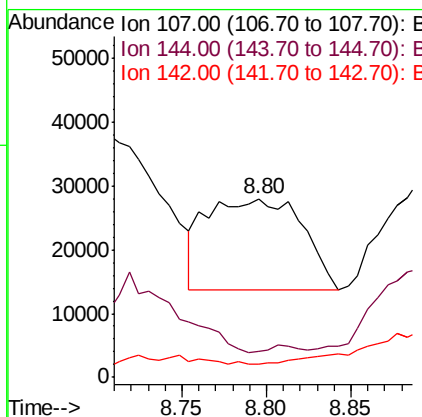
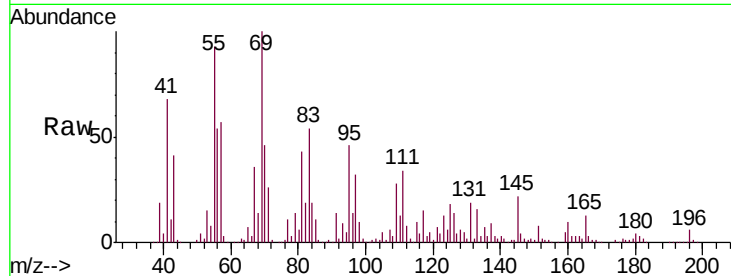




#36
 4-Chloro-3-methylphenol
 Concen: 15.535 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

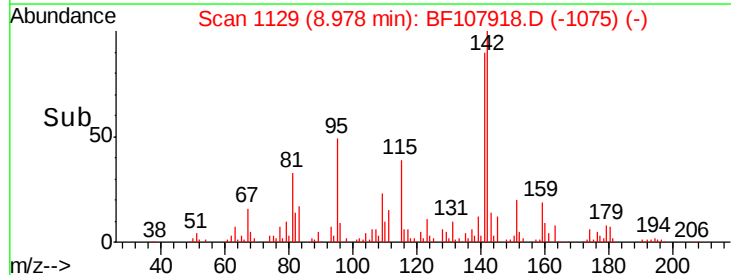
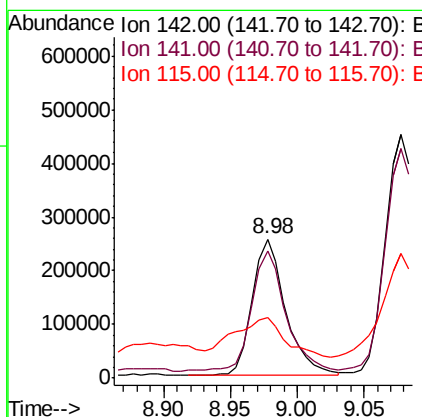
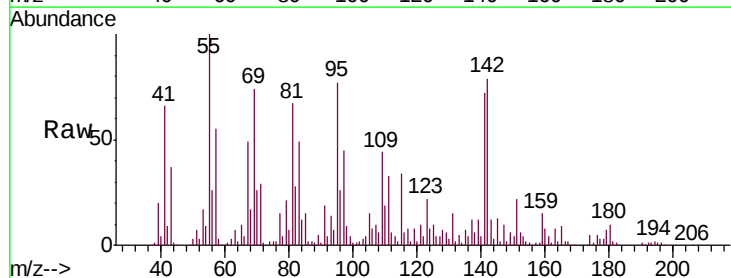
Instrument :
 BNA_F
 ClientSampleId :
 UST-S

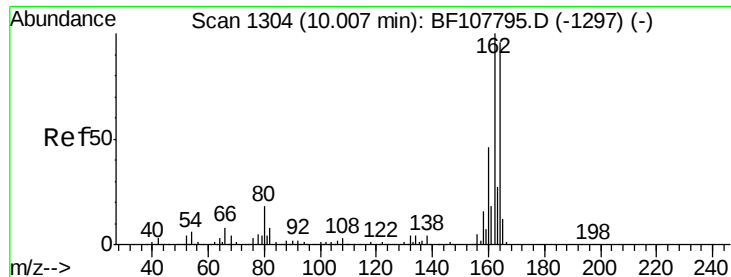
Tgt Ion:107 Resp: 56249
 Ion Ratio Lower Upper
 107 100
 144 14.3 20.5 30.7#
 142 7.5 62.0 93.0#



#37
 2-Methylnaphthalene
 Concen: 62.248 ng
 RT: 8.98 min Scan# 1129
 Delta R.T. 0.02 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

Tgt Ion:142 Resp: 438032
 Ion Ratio Lower Upper
 142 100
 141 91.7 70.8 106.2
 115 43.6 26.1 39.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.03 min Scan# 1308

Delta R.T. 0.02 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampled :

UST-S

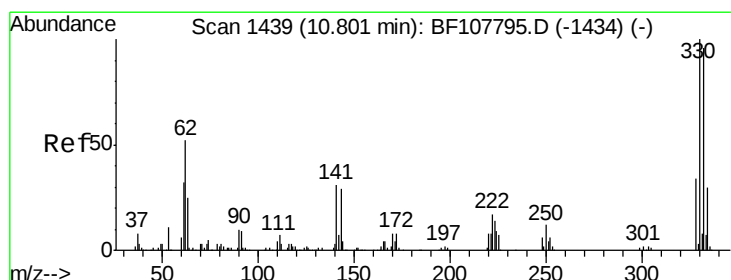
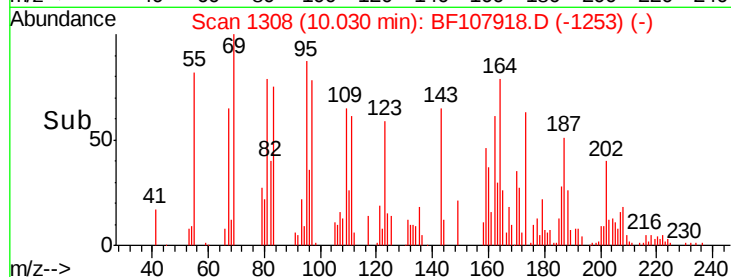
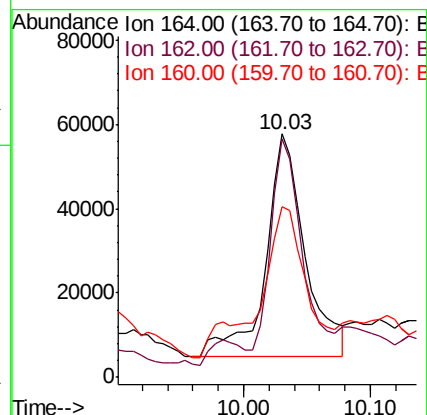
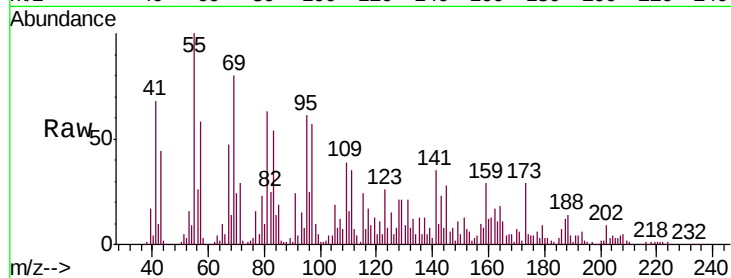
Tgt Ion:164 Resp: 115353

Ion Ratio Lower Upper

164 100

162 97.9 86.1 129.1

160 70.1 38.3 57.5#



#41

2,4,6-Tribromophenol

Concen: 63.491 ng

RT: 10.84 min Scan# 1446

Delta R.T. 0.04 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

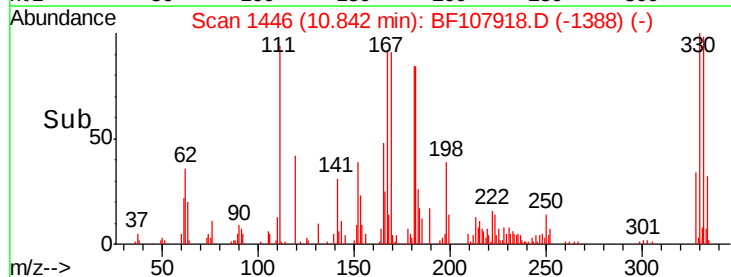
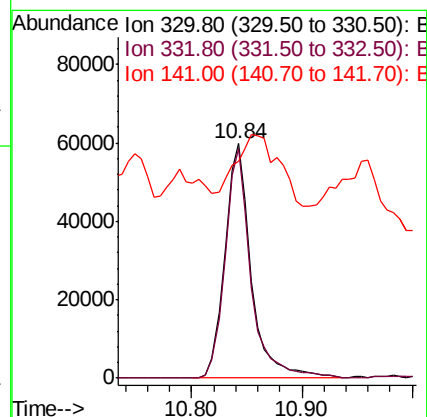
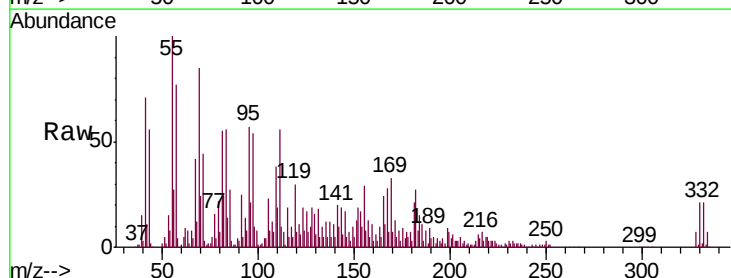
Tgt Ion:330 Resp: 99516

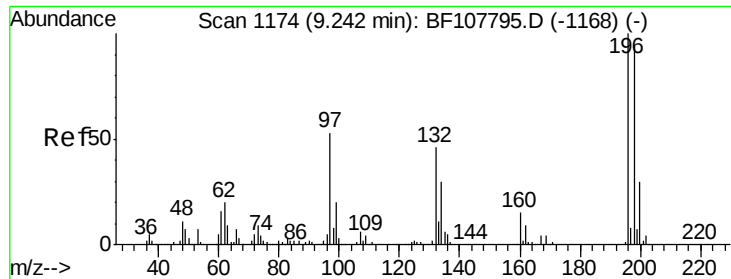
Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 51.2 29.9 44.9#

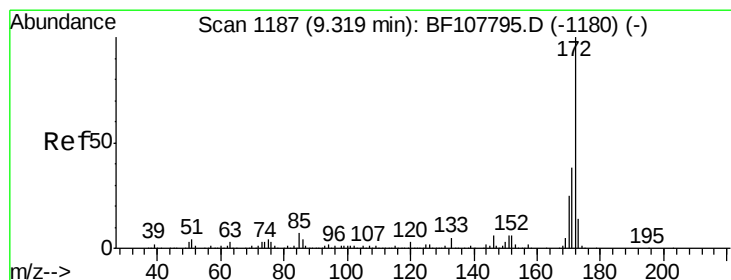
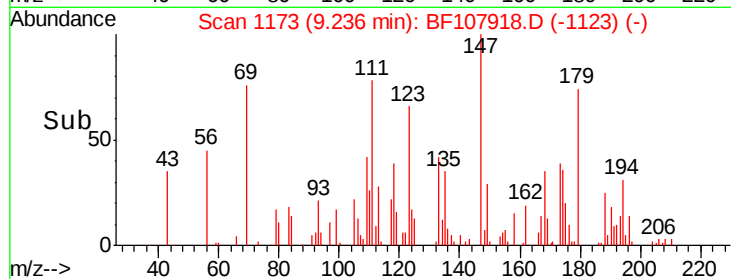
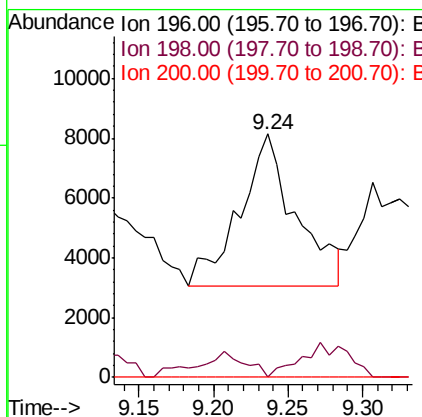
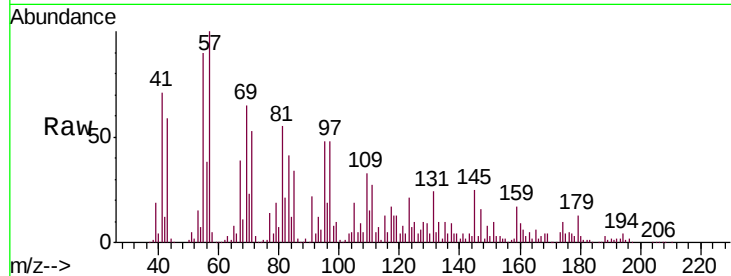




#42
 2,4,6-Trichlorophenol
 Concen: 6.135 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

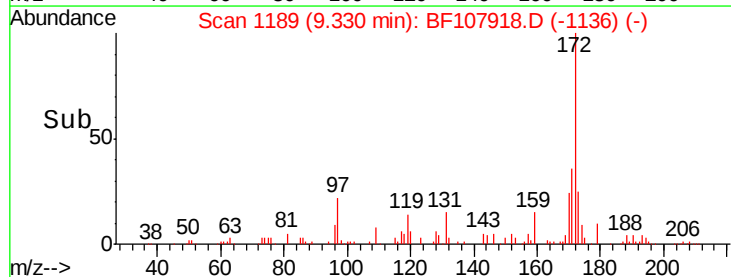
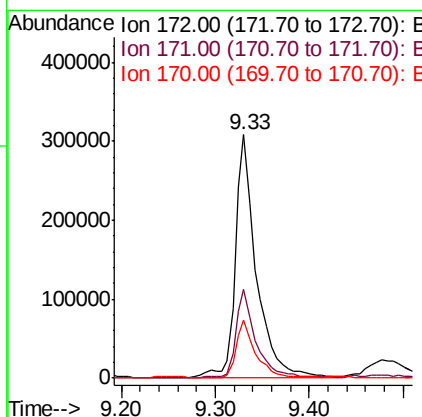
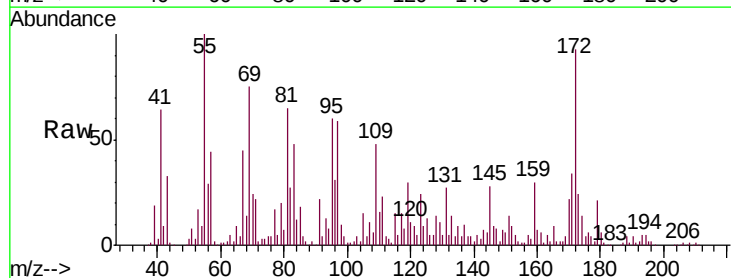
Instrument :
 BNA_F
 ClientSampled :
 UST-S

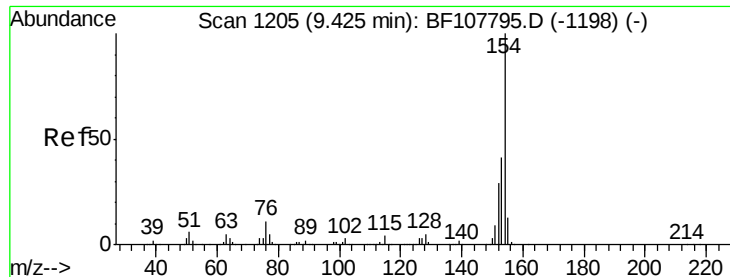
Tgt Ion	Resp	Lower	Upper
196	13339		
198	0.0	75.7	113.5#
200	0.0	24.5	36.7#



#44
 2-Fluorobiphenyl
 Concen: 57.967 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

Tgt Ion	Resp	Lower	Upper
172	479847		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

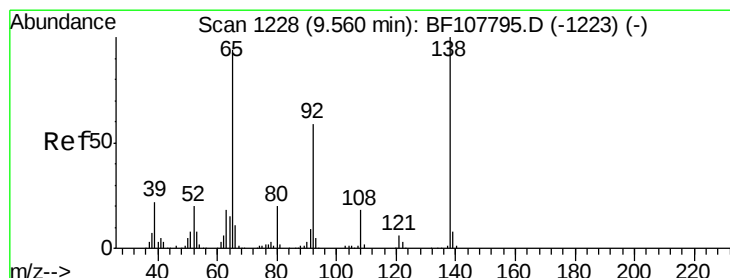
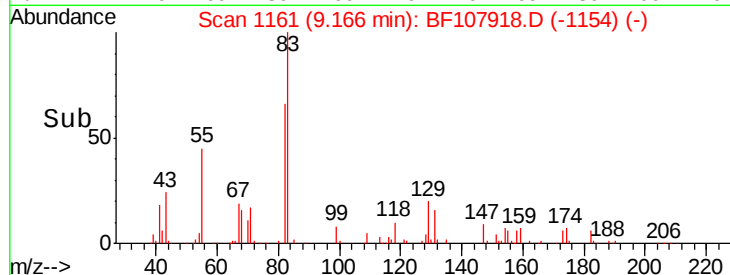
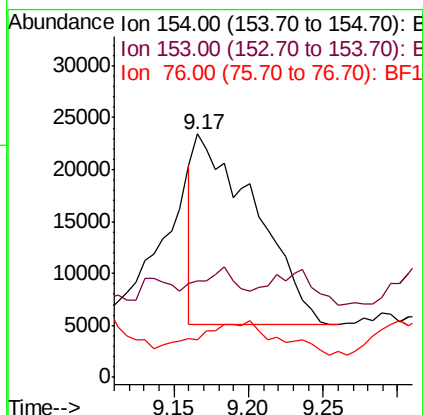
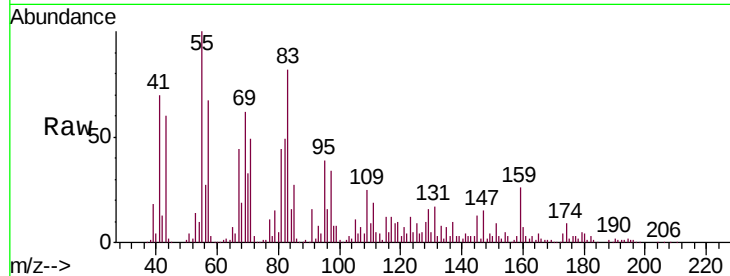




#45
 1,1'-Biphenyl
 Concen: 4.902 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.26 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

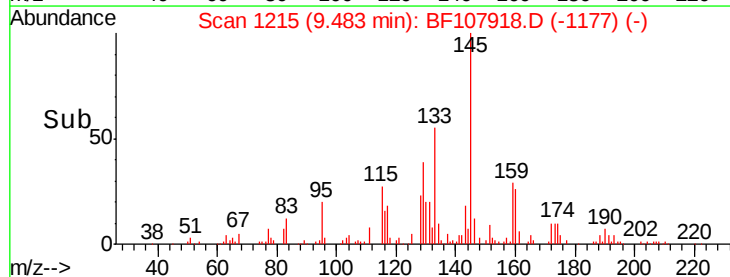
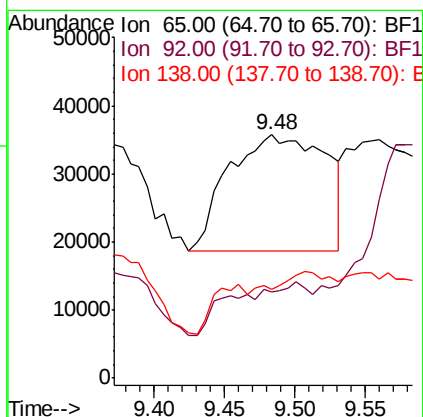
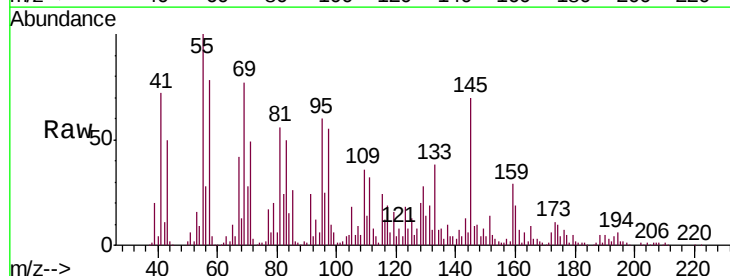
Instrument :
 BNA_F
 ClientSampled :
 UST-S

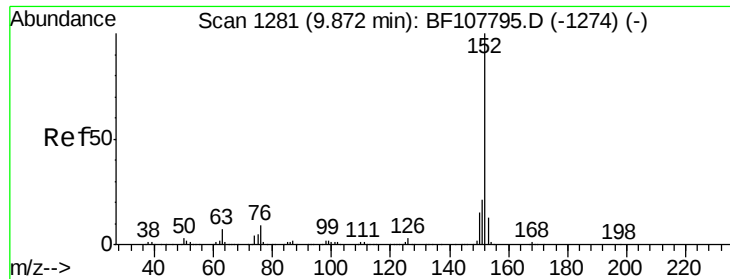
Tgt Ion: 154 Resp: 51455
 Ion Ratio Lower Upper
 154 100
 153 39.7 21.3 61.3
 76 15.4 0.0 34.0



#47
 2-Nitroaniline
 Concen: 31.991 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.08 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

Tgt Ion: 65 Resp: 82376
 Ion Ratio Lower Upper
 65 100
 92 35.5 55.8 83.6#
 138 36.7 91.2 136.8#





#48

Acenaphthylene

Concen: 5.963 ng

RT: 9.89 min Scan# 1284

Delta R.T. 0.02 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampleId :

UST-S

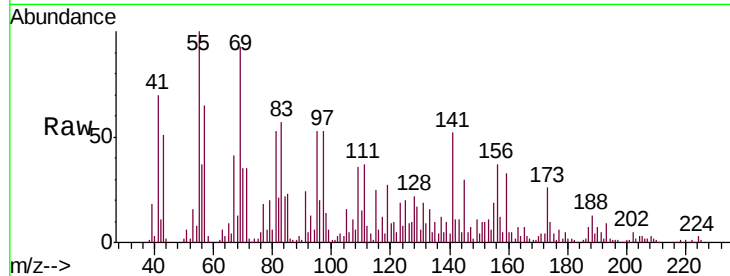
Tgt Ion:152 Resp: 73179

Ion Ratio Lower Upper

152 100

151 94.6 16.3 24.5#

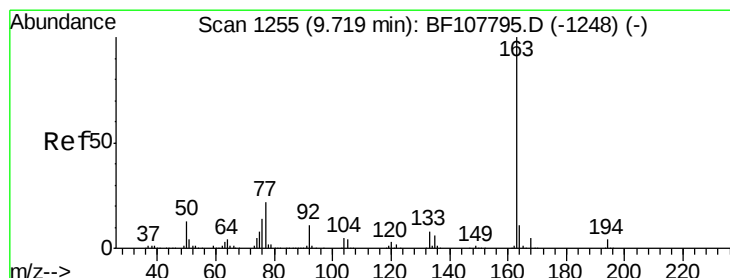
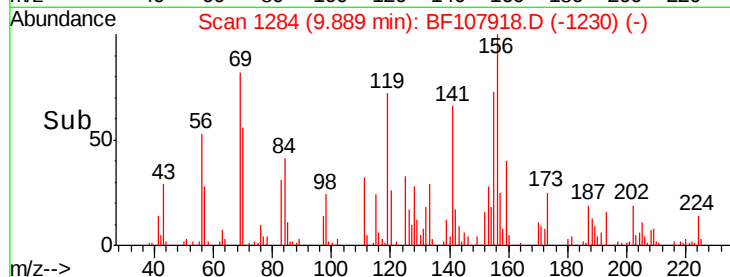
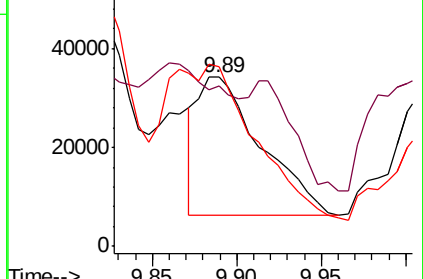
153 105.8 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.391 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

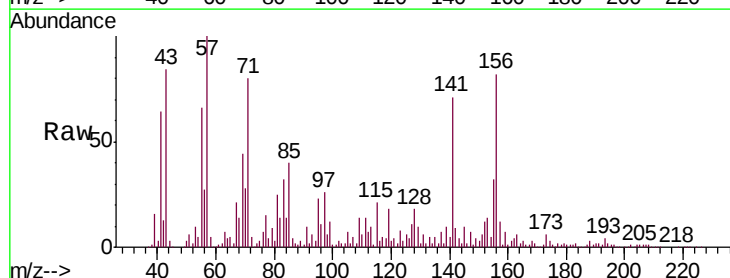
Tgt Ion:163 Resp: 20716

Ion Ratio Lower Upper

163 100

194 34.9 2.7 4.1#

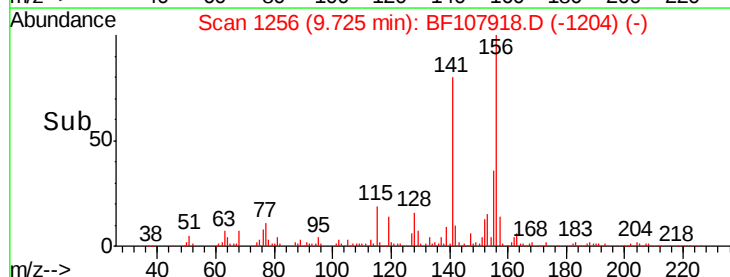
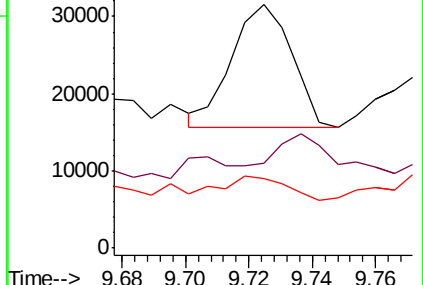
164 28.5 8.2 12.2#

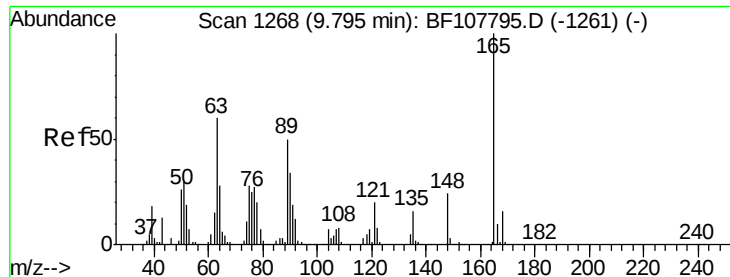


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

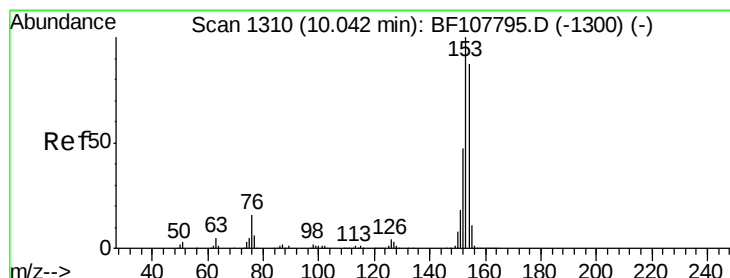
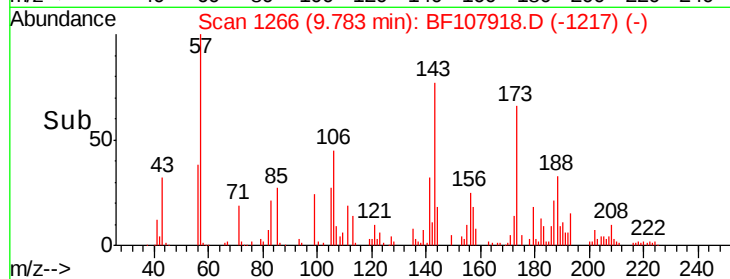
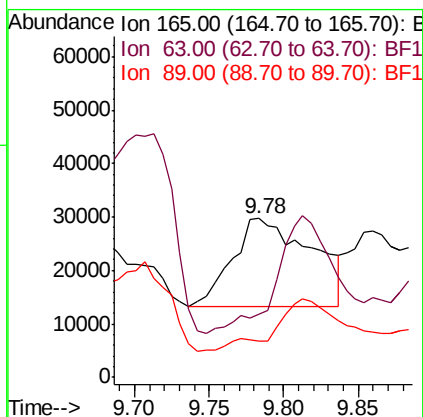
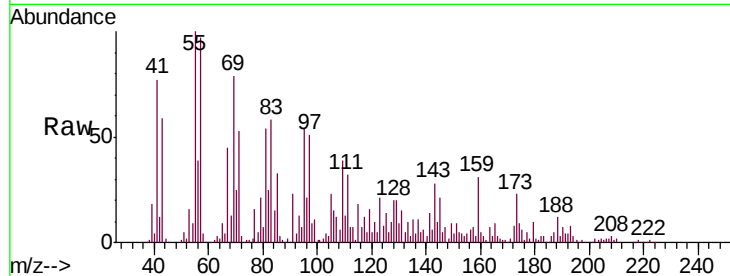




#50
2,6-Dinitrotoluene
Concen: 32.498 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

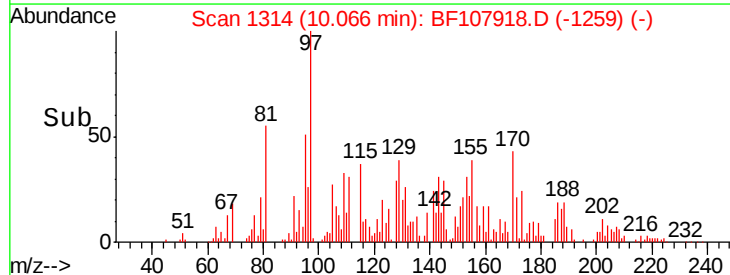
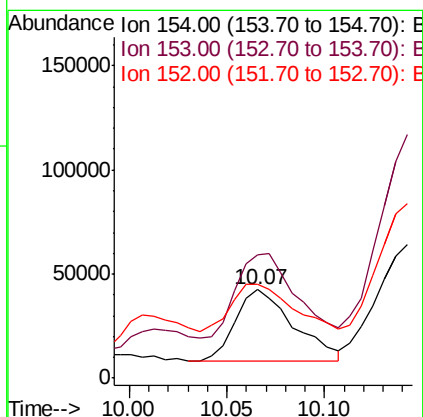
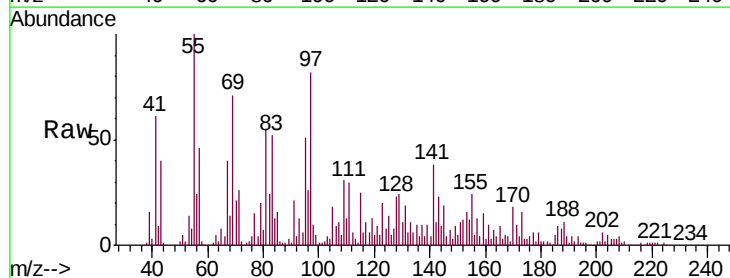
Instrument :
BNA_F
ClientSampleId :
UST-S

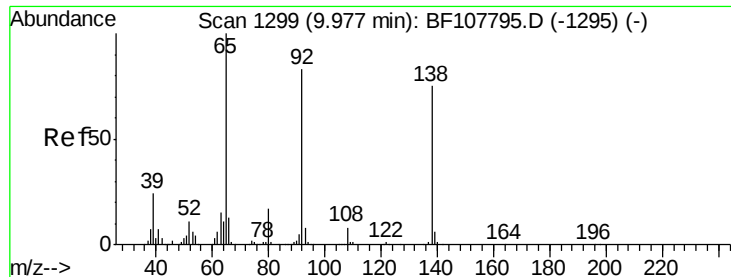
Tgt Ion:165 Resp: 61183
Ion Ratio Lower Upper
165 100
63 39.5 44.7 67.1#
89 23.0 44.0 66.0#



#51
Acenaphthene
Concen: 9.995 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion:154 Resp: 71254
Ion Ratio Lower Upper
154 100
153 139.2 91.2 136.8#
152 106.9 43.8 65.8#





#52

3-Nitroaniline

Concen: 7.024 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampleId :

UST-S

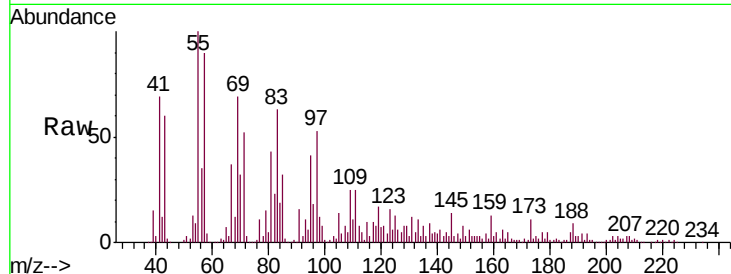
Tgt Ion:138 Resp: 16664

Ion Ratio Lower Upper

138 100

108 101.5 9.4 14.0#

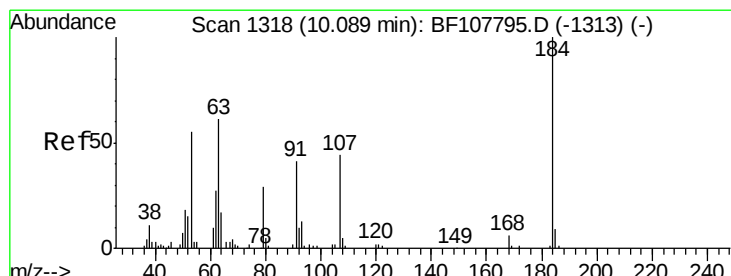
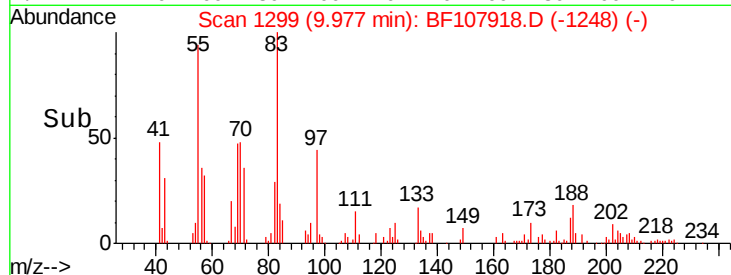
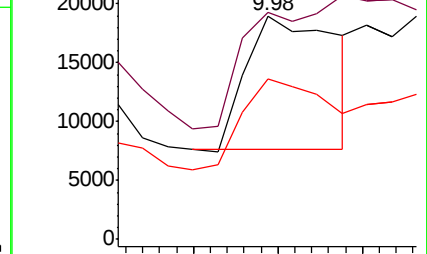
92 71.8 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 19.300 ng

RT: 10.25 min Scan# 1345

Delta R.T. 0.16 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

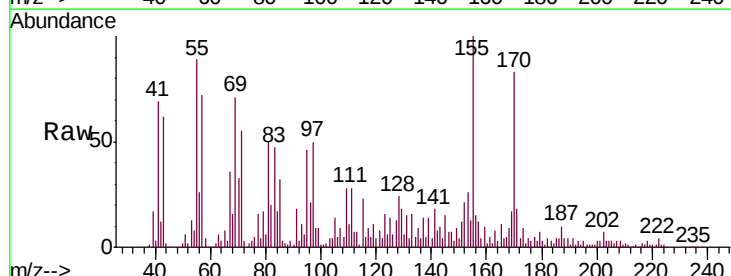
Tgt Ion:184 Resp: 12046

Ion Ratio Lower Upper

184 100

63 390.5 54.2 81.2#

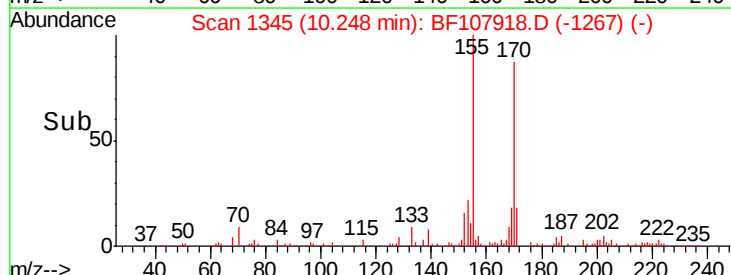
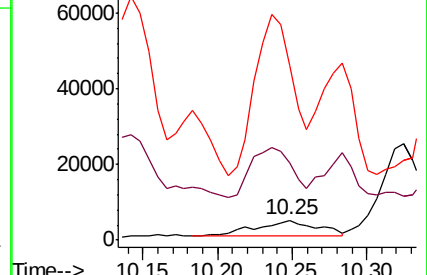
154 891.2 184.0 276.0#

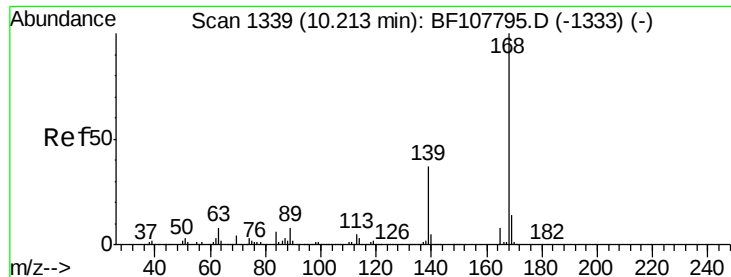


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 4.206 ng

RT: 10.24 min Scan# 1344

Delta R.T. 0.03 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampleId :

UST-S

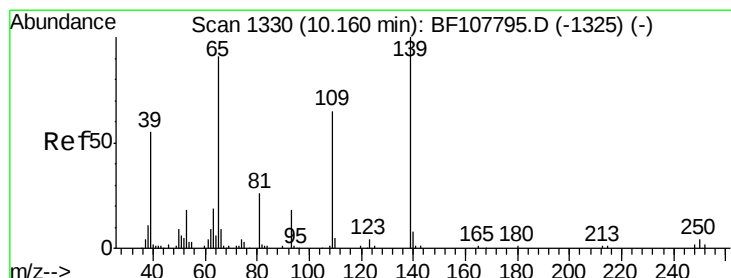
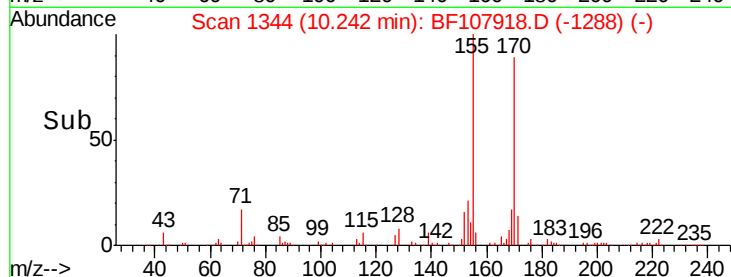
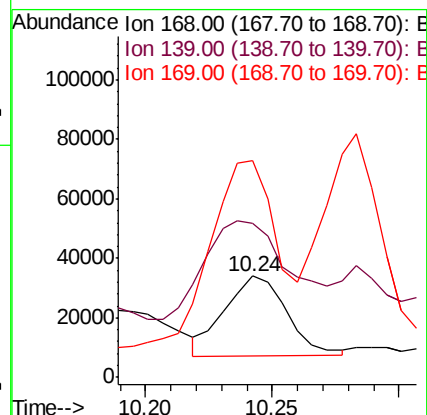
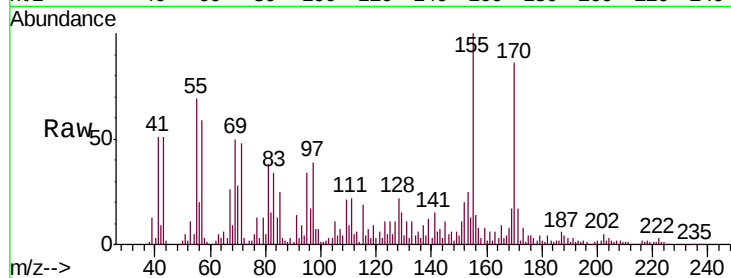
Tgt Ion:168 Resp: 46342

Ion Ratio Lower Upper

168 100

139 153.1 30.1 45.1#

169 214.8 10.9 16.3#



#55

4-Nitrophenol

Concen: 74.686 ng

RT: 10.14 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

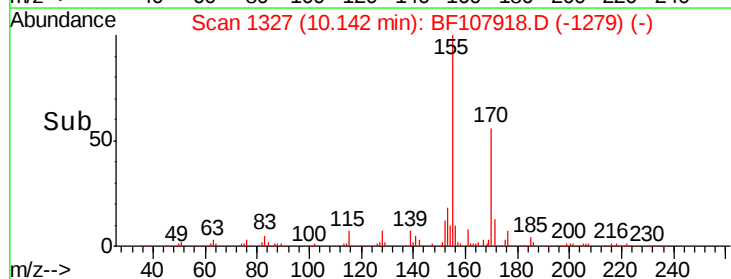
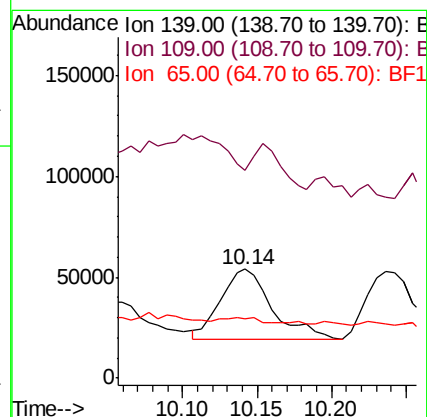
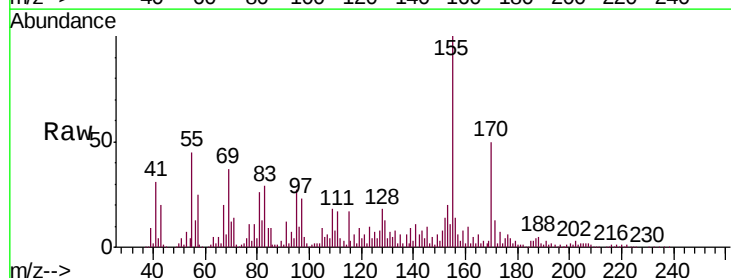
Tgt Ion:139 Resp: 82608

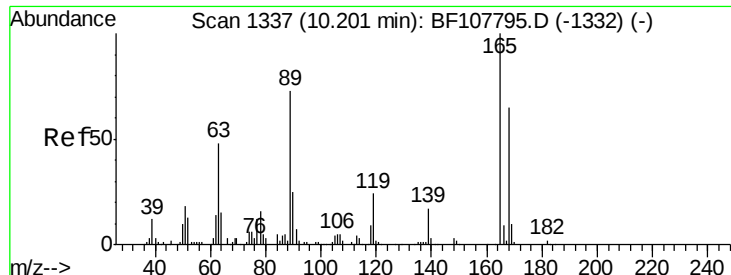
Ion Ratio Lower Upper

139 100

109 191.6 48.4 88.4#

65 54.1 72.6 112.6#

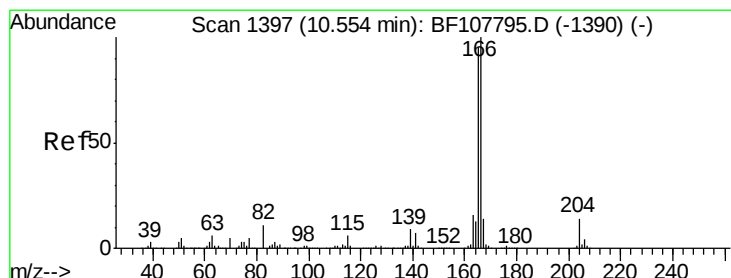
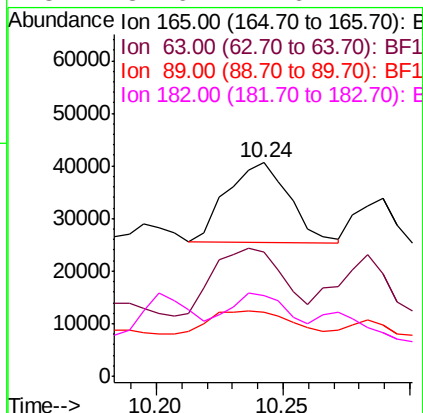
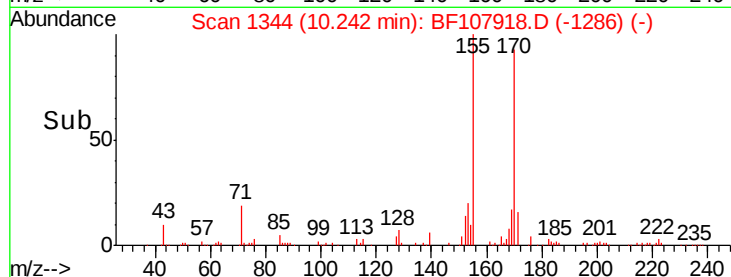
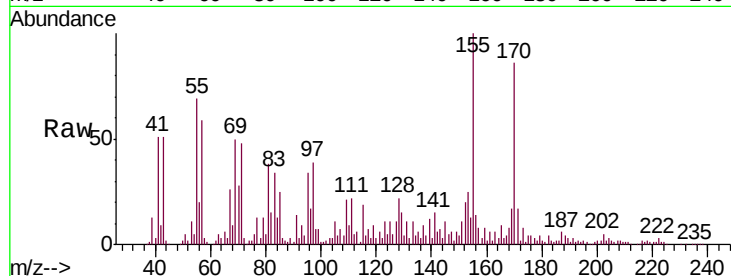




#56
2,4-Dinitrotoluene
Concen: 10.515 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.04 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

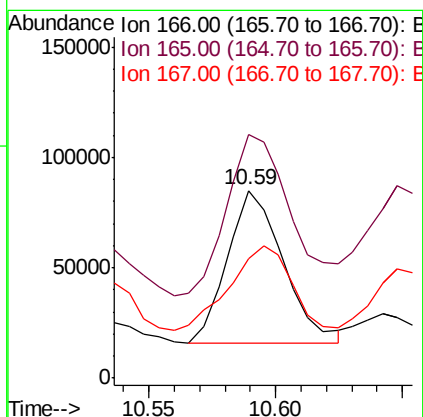
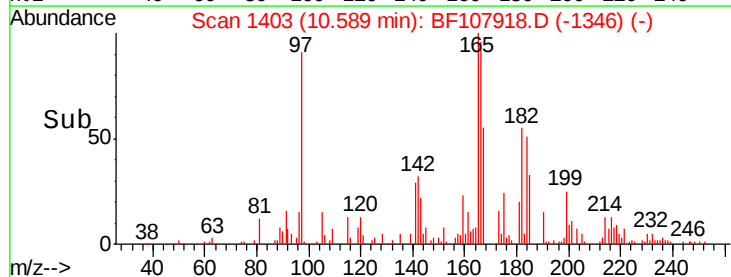
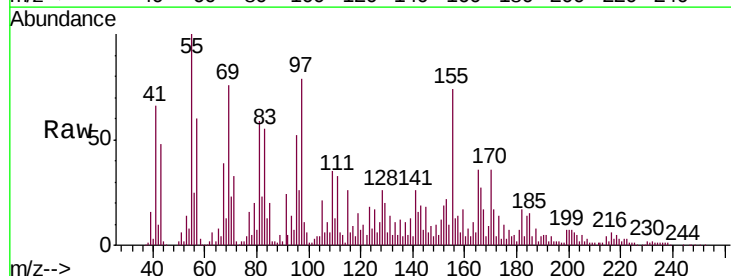
Instrument :
BNA_F
ClientSampleId :
UST-S

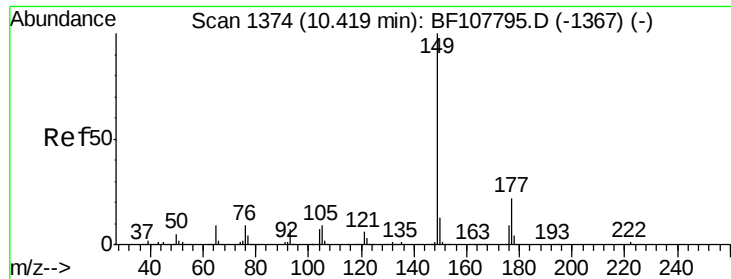
Tgt Ion:165 Resp: 26018
Ion Ratio Lower Upper
165 100
63 57.9 36.4 54.6#
89 29.8 57.8 86.6#
182 37.6 1.6 2.4#



#57
Fluorene
Concen: 12.328 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.04 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion:166 Resp: 105574
Ion Ratio Lower Upper
166 100
165 129.7 79.8 119.8#
167 63.4 10.6 16.0#

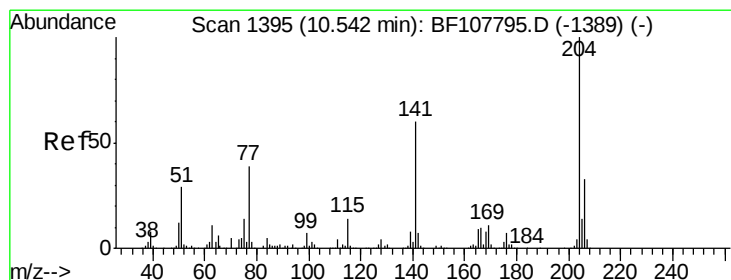
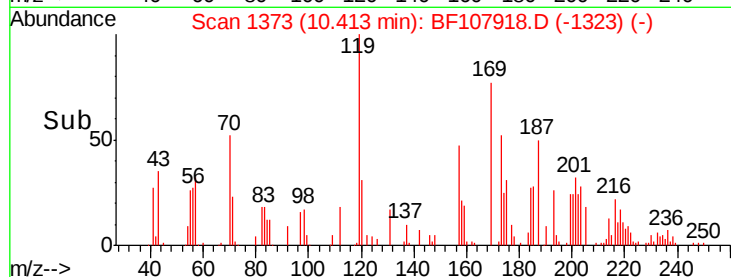
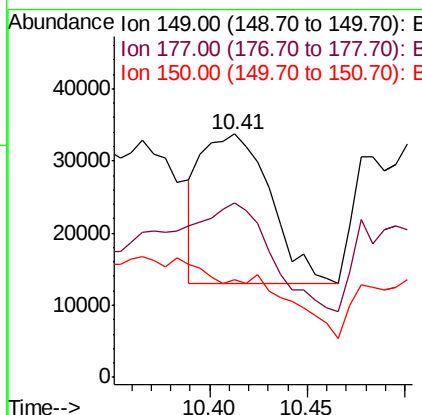
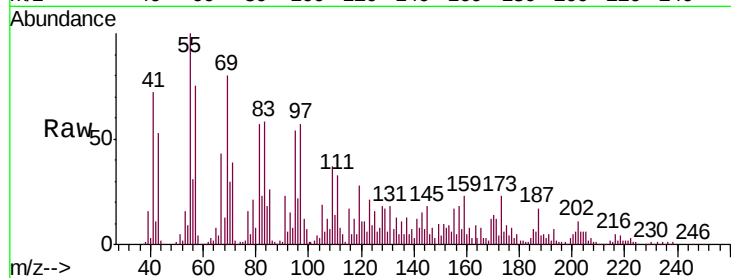




#59
Diethylphthalate
Concen: 5.439 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

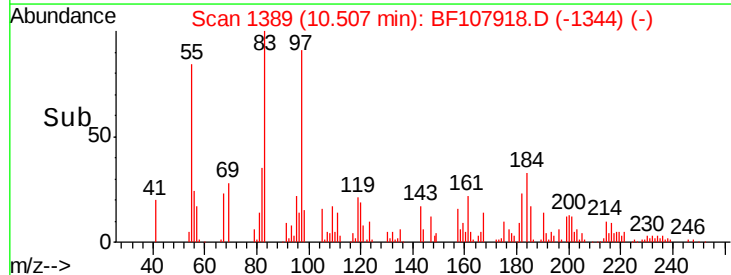
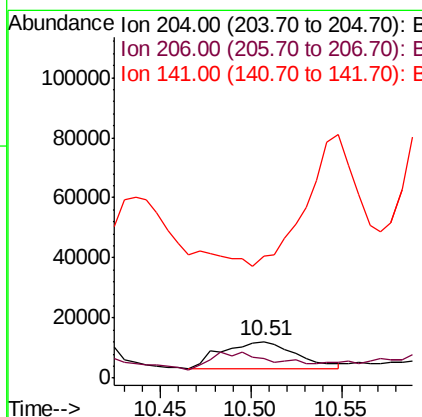
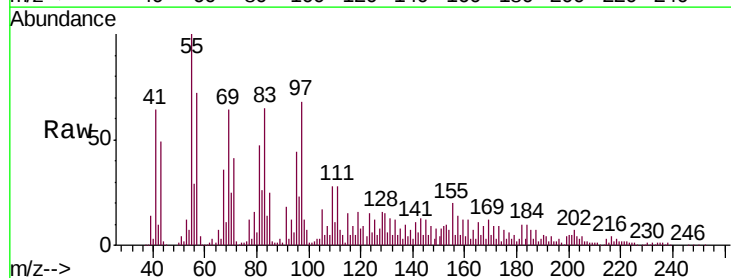
Instrument :
BNA_F
ClientSampled :
UST-S

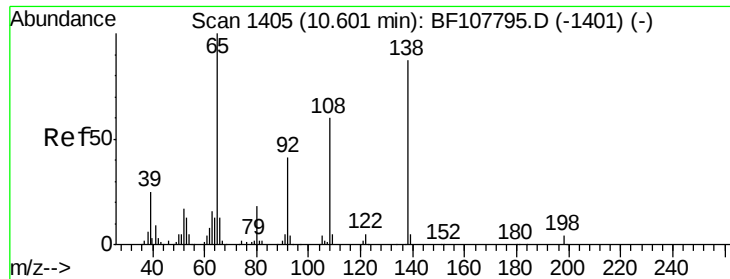
Tgt Ion:149 Resp: 50658
Ion Ratio Lower Upper
149 100
177 71.6 16.1 24.1#
150 40.3 10.1 15.1#



#60
4-Chlorophenyl-phenylether
Concen: 5.559 ng
RT: 10.51 min Scan# 1389
Delta R.T. -0.04 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion:204 Resp: 25935
Ion Ratio Lower Upper
204 100
206 52.3 26.5 39.7#
141 334.8 54.6 81.8#

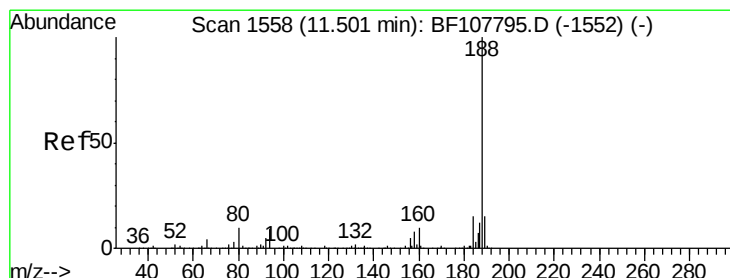
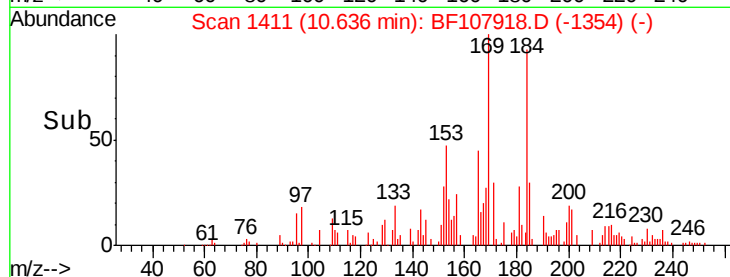
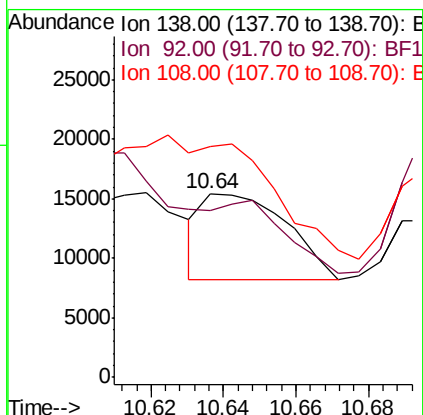
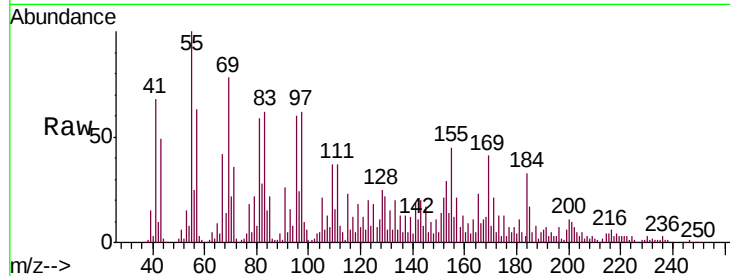




#61
4-Nitroaniline
Concen: 5.471 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.04 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

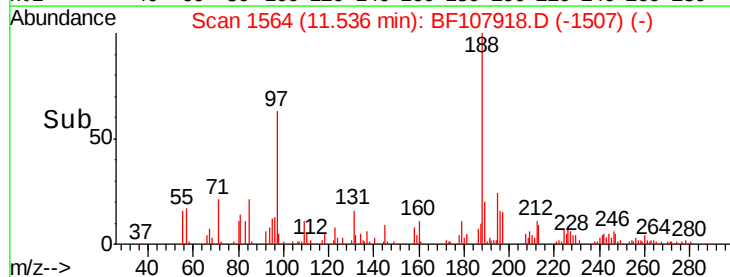
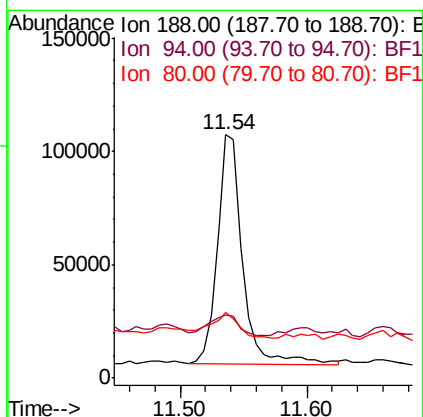
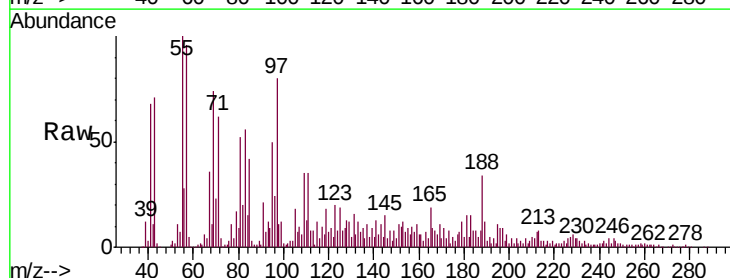
Instrument :
BNA_F
ClientSampled :
UST-S

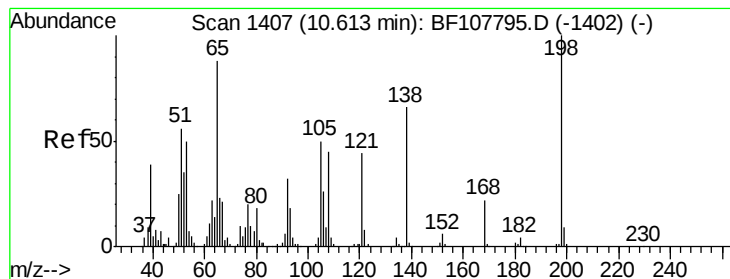
Tgt Ion:138 Resp: 11518
Ion Ratio Lower Upper
138 100
92 91.1 30.2 70.2#
108 126.0 52.5 92.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. 0.04 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion:188 Resp: 140257
Ion Ratio Lower Upper
188 100
94 26.0 8.5 12.7#
80 27.0 9.2 13.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.626 ng

RT: 10.64 min Scan# 1412

Delta R.T. 0.03 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampleId :

UST-S

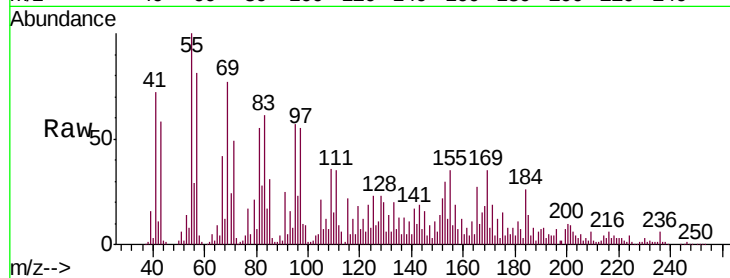
Tgt Ion:198 Resp: 2004

Ion Ratio Lower Upper

198 100

51 364.3 37.7 77.7#

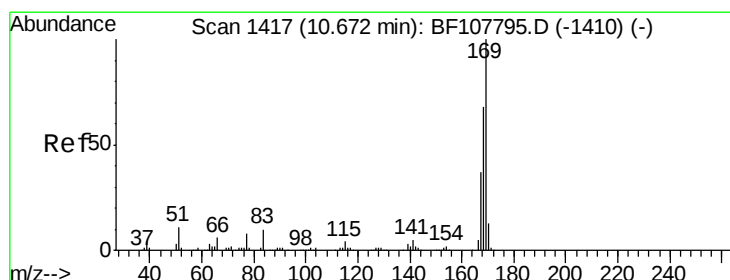
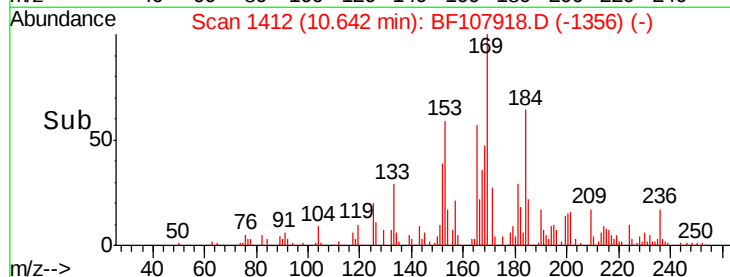
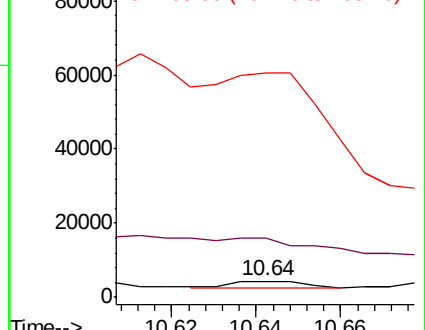
105 1375.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 82.352 ng

RT: 10.70 min Scan# 1422

Delta R.T. 0.03 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

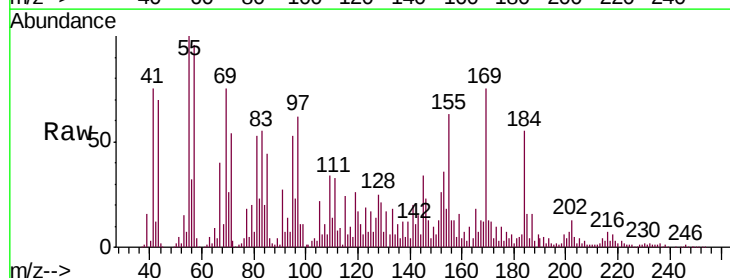
Tgt Ion:169 Resp: 380326

Ion Ratio Lower Upper

169 100

168 16.4 54.4 81.6#

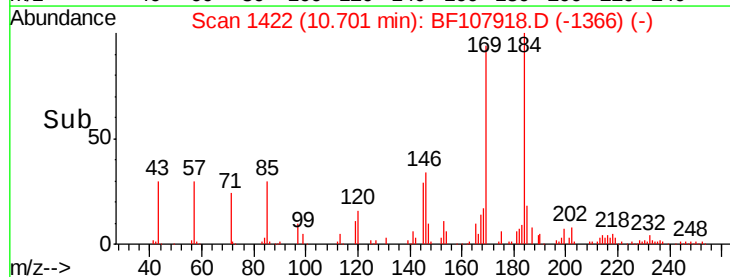
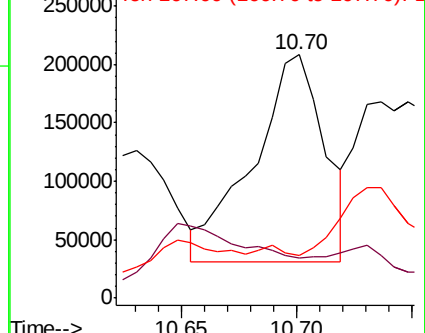
167 17.6 29.8 44.6#

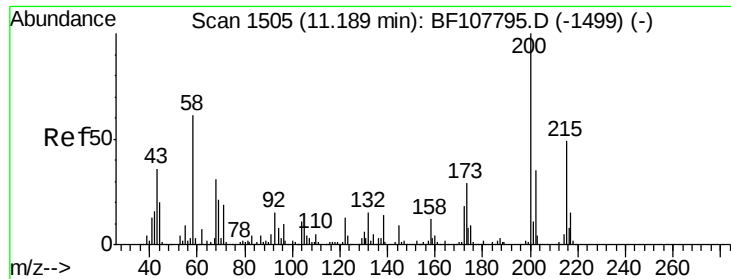


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

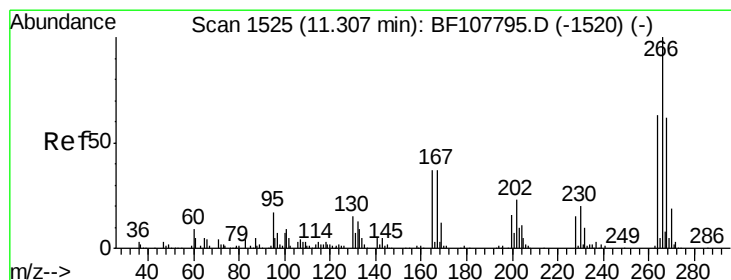
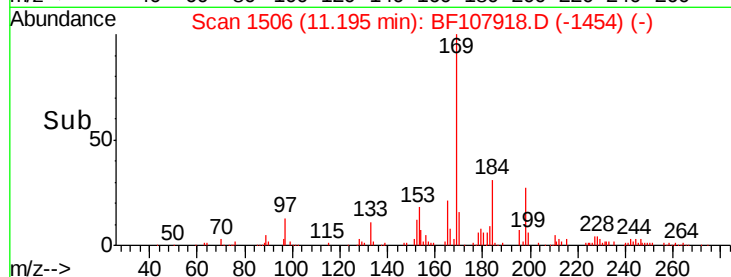
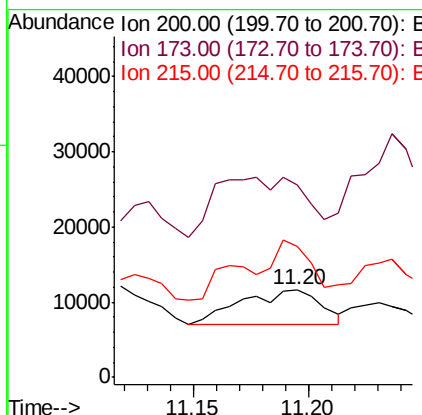
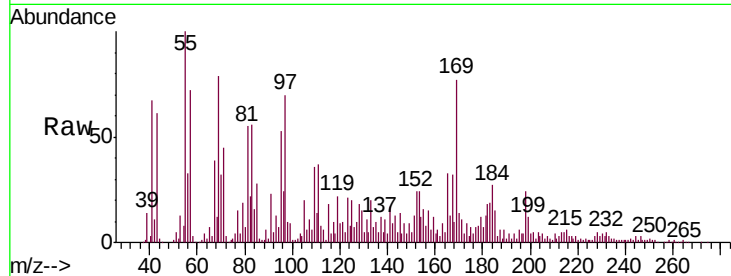




#68
Atrazine
Concen: 8.098 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

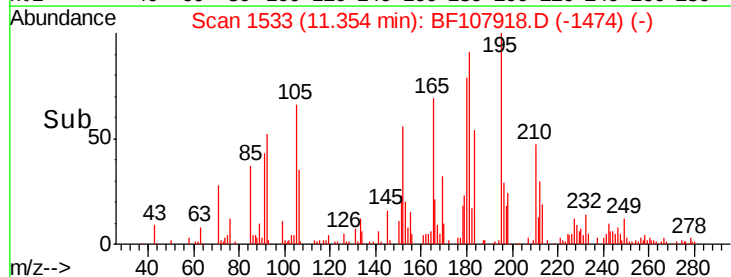
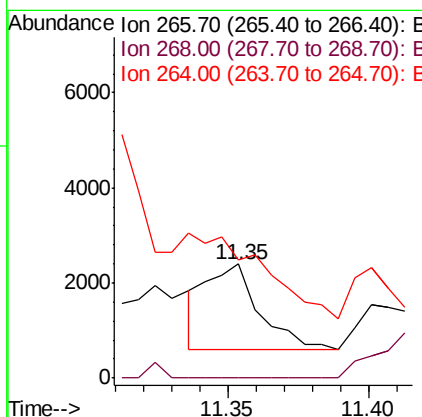
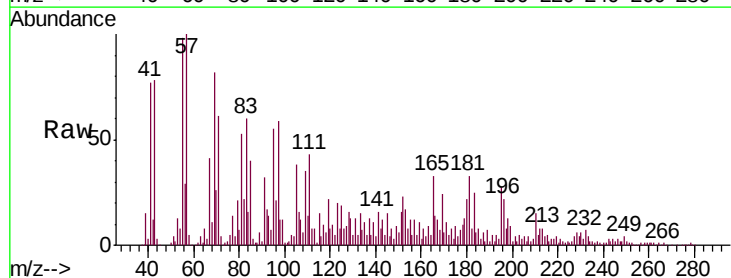
Instrument :
BNA_F
ClientSampleId :
UST-S

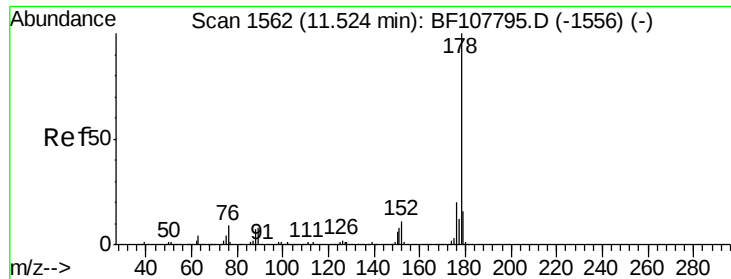
Tgt Ion:200 Resp: 11069
Ion Ratio Lower Upper
200 100
173 220.1 8.6 48.6#
215 150.1 25.1 65.1#



#69
Pentachlorophenol
Concen: 2.698 ng
RT: 11.35 min Scan# 1533
Delta R.T. 0.05 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion:266 Resp: 2408
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 103.9 49.5 74.3#

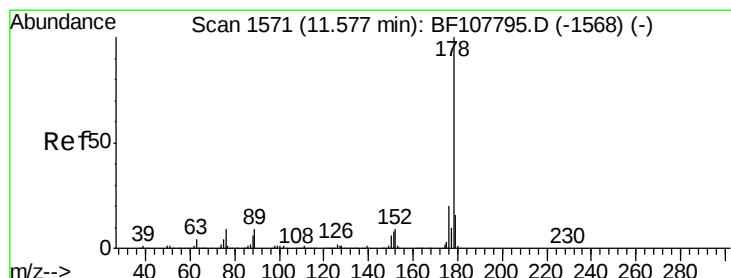
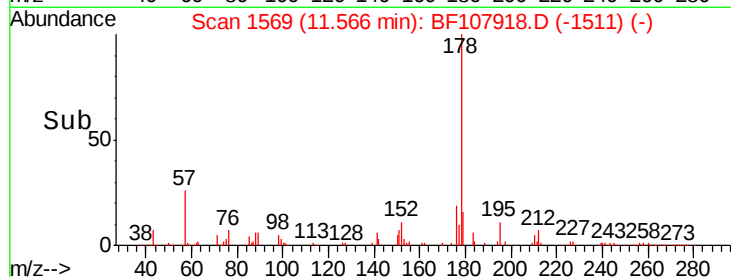
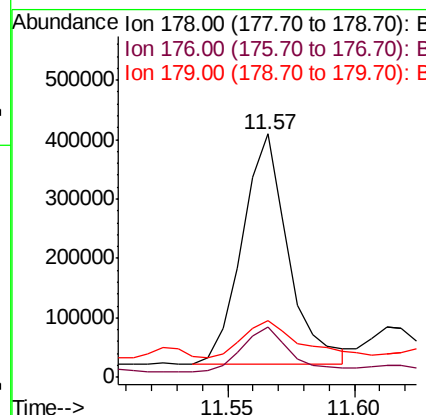
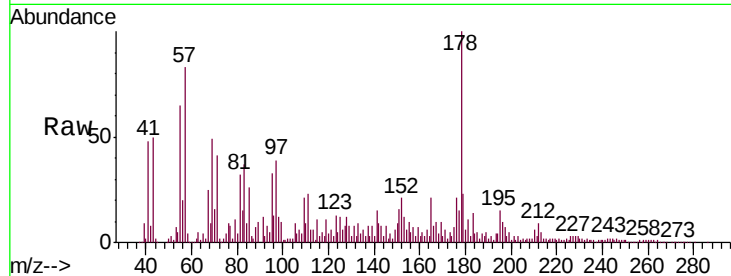




#70
Phenanthrene
Concen: 73.447 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.04 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

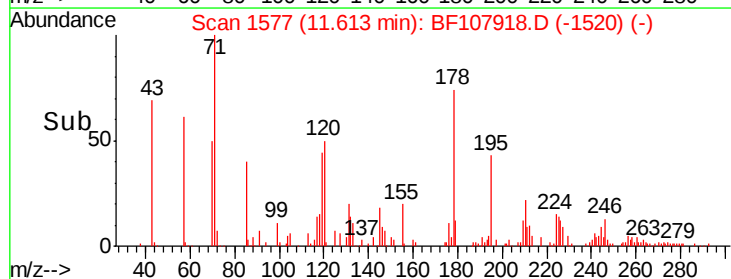
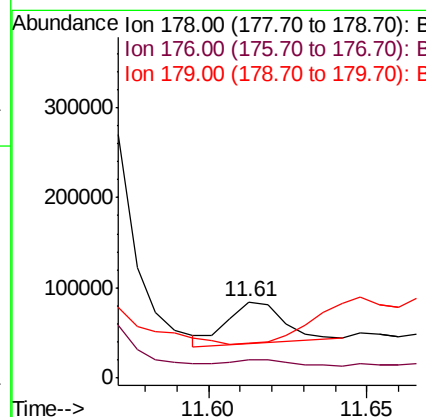
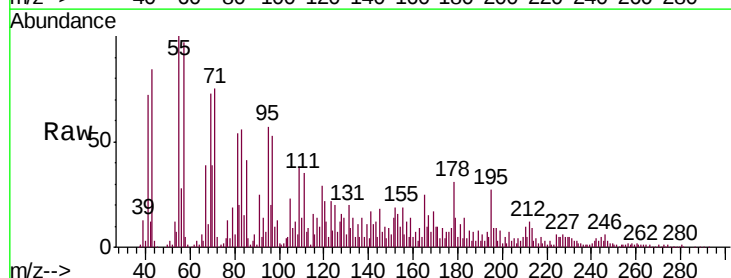
Instrument :
BNA_F
ClientSampleId :
UST-S

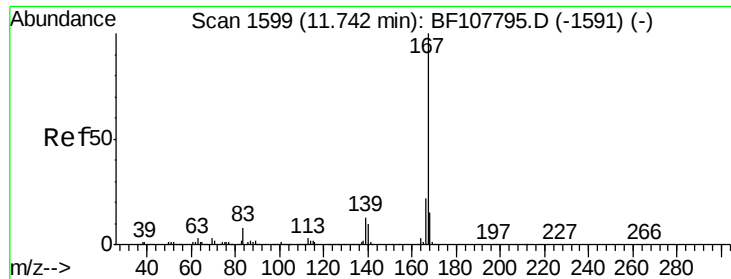
Tgt Ion:178 Resp: 489148
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.8
179 23.2 13.0 19.6#



#71
Anthracene
Concen: 7.319 ng
RT: 11.61 min Scan# 1577
Delta R.T. 0.04 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion:178 Resp: 56224
Ion Ratio Lower Upper
178 100
176 23.9 15.4 23.2#
179 46.0 12.6 19.0#

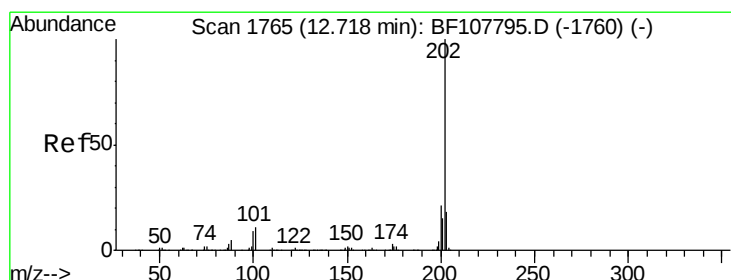
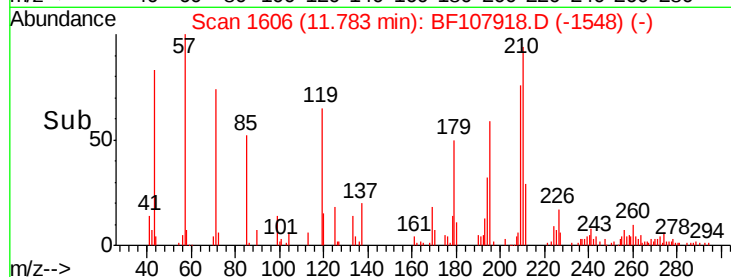
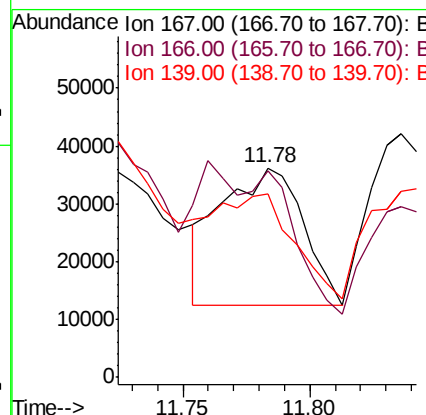
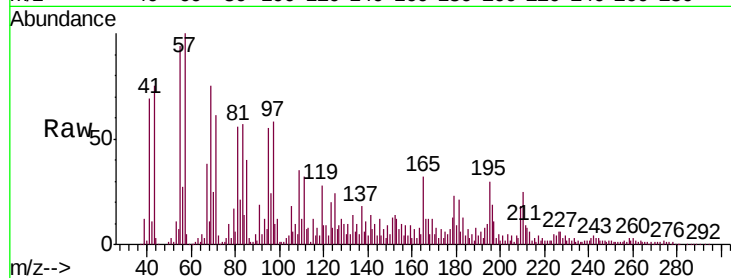




#72
 Carbazole
 Concen: 7.029 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. 0.04 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

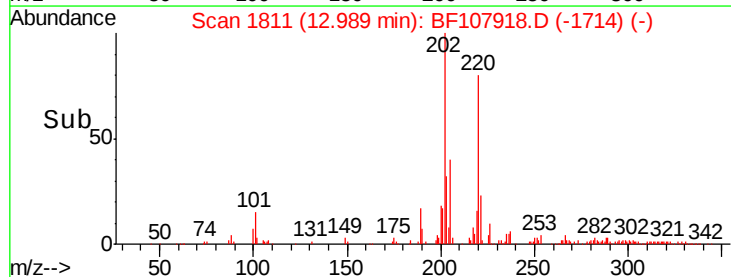
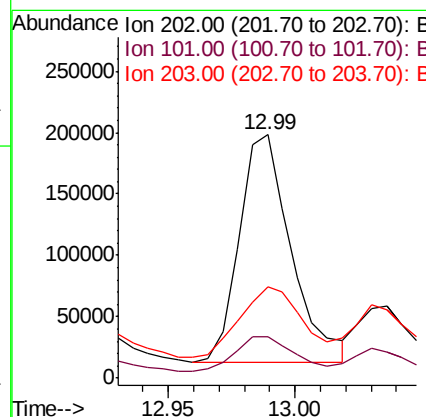
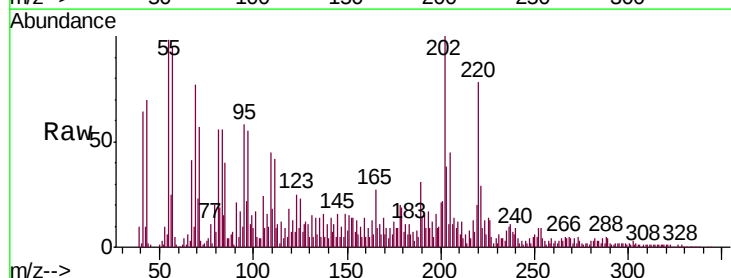
Instrument :
 BNA_F
 ClientSampled :
 UST-S

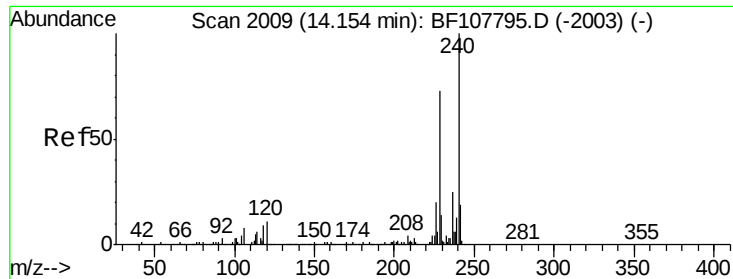
Tgt Ion:167 Resp: 53357
 Ion Ratio Lower Upper
 167 100
 166 98.3 17.6 26.4#
 139 87.2 10.9 16.3#



#74
 Fluoranthene
 Concen: 33.673 ng
 RT: 12.99 min Scan# 1811
 Delta R.T. 0.27 min
 Lab File: BF107918.D
 Acq: 2 Aug 2018 19:18

Tgt Ion:202 Resp: 263457
 Ion Ratio Lower Upper
 202 100
 101 16.8 0.0 34.1
 203 37.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.02 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampleId :

UST-S

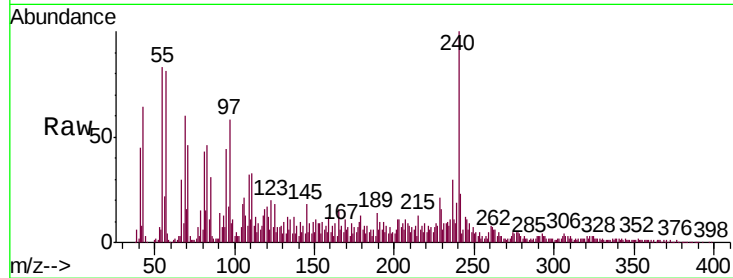
Tgt Ion:240 Resp: 227642

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

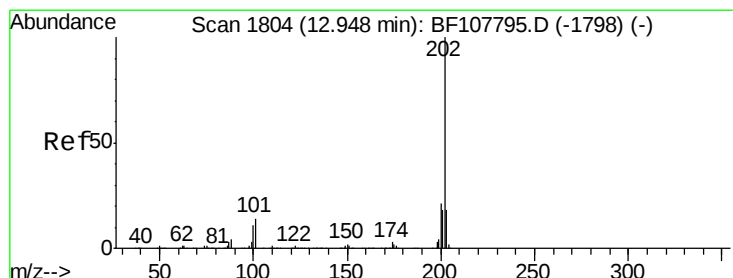
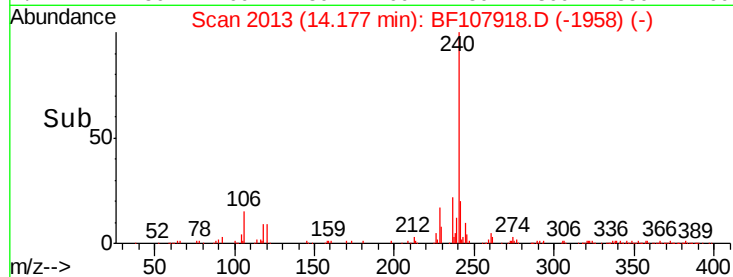
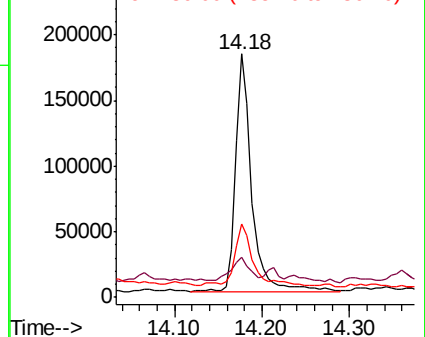
236 29.9 20.7 31.1



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



#77

Pyrene

Concen: 16.072 ng

RT: 12.99 min Scan# 1811

Delta R.T. 0.04 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

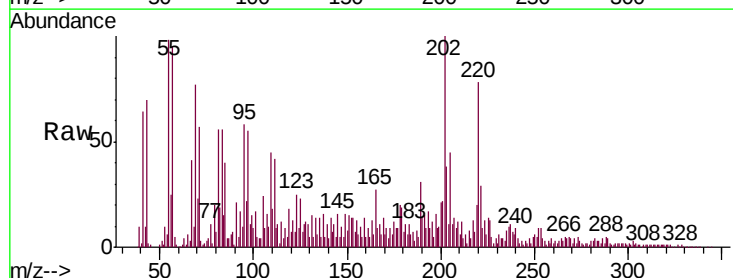
Tgt Ion:202 Resp: 263457

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

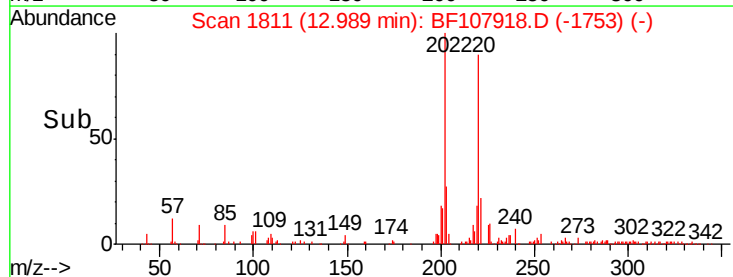
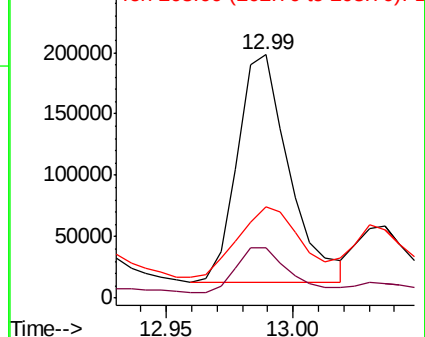
203 37.8 14.3 21.5#

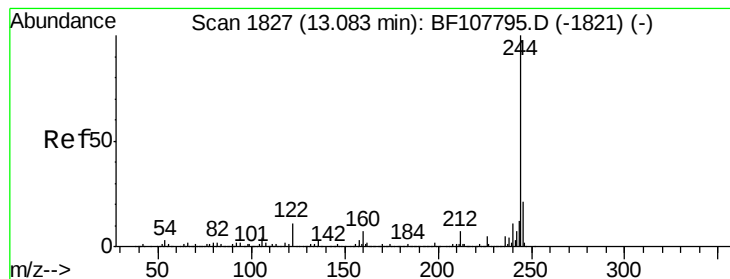


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 49.479 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.02 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

Instrument :

BNA_F

ClientSampleId :

UST-S

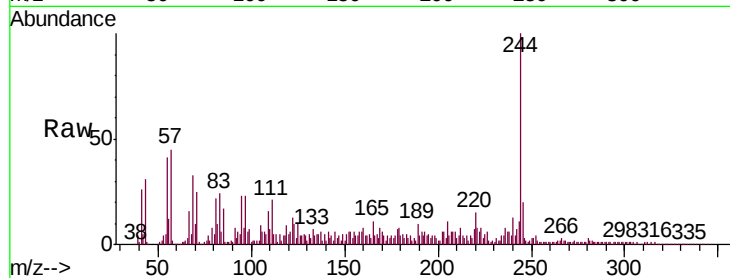
Tgt Ion:244 Resp: 519433

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

122 12.7 11.0 16.4

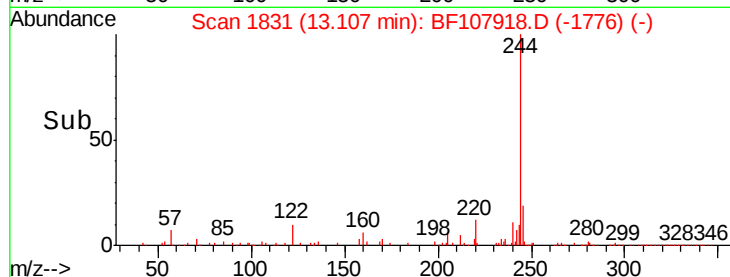


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 13.00 13.10 13.20 13.30

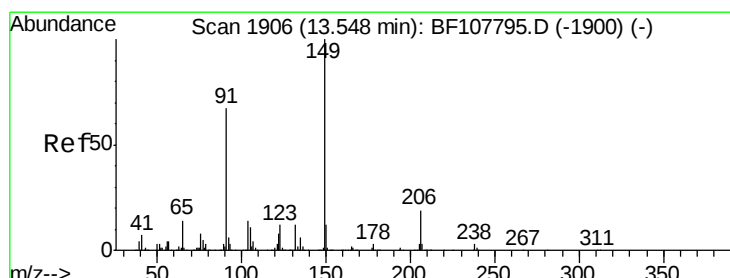


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 13.00 13.10 13.20 13.30



#79

Butylbenzylphthalate

Concen: 3.935 ng

RT: 13.68 min Scan# 1929

Delta R.T. 0.14 min

Lab File: BF107918.D

Acq: 2 Aug 2018 19:18

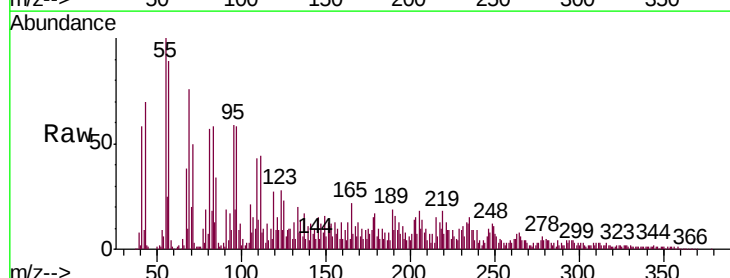
Tgt Ion:149 Resp: 28247

Ion Ratio Lower Upper

149 100

91 119.2 56.8 85.2#

206 62.3 14.1 21.1#

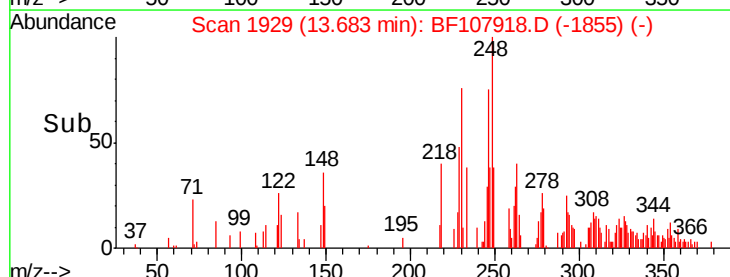


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

Time--> 13.65 13.70

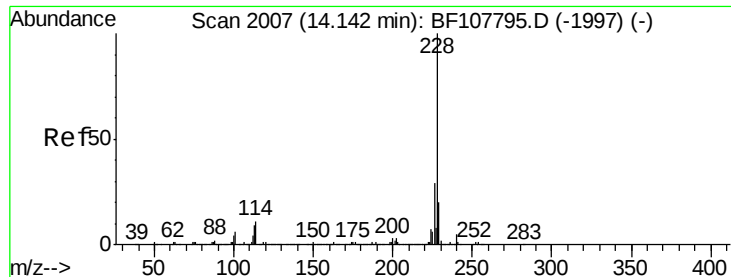


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

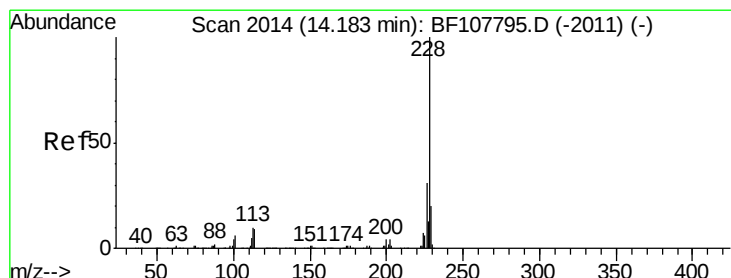
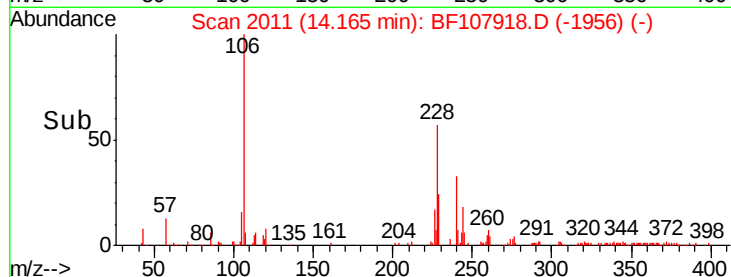
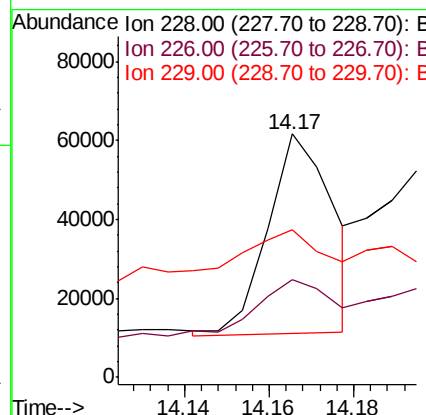
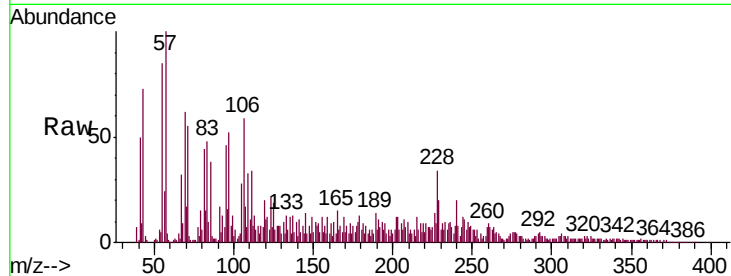
Time--> 13.65 13.70



#80
Benzo(a)anthracene
Concen: 4.207 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

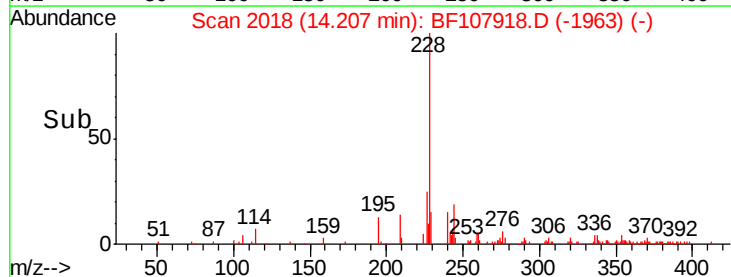
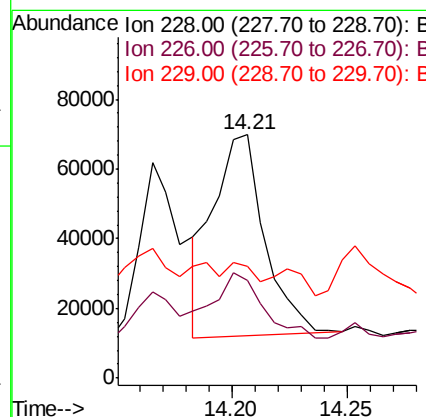
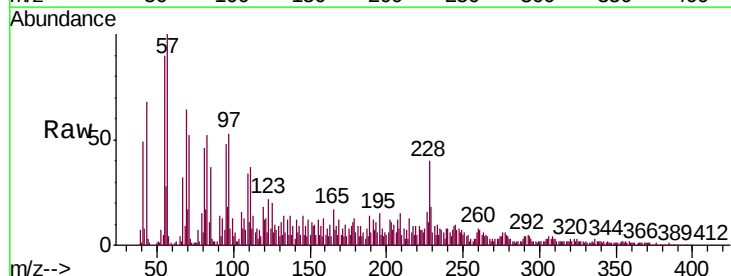
Instrument :
BNA_F
ClientSampleId :
UST-S

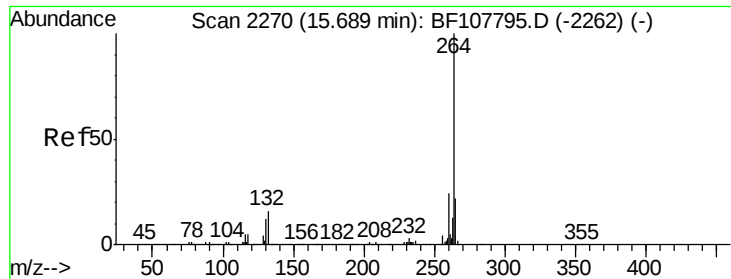
Tgt Ion:228 Resp: 54252
Ion Ratio Lower Upper
228 100
226 40.3 22.6 33.8#
229 60.5 15.8 23.6#



#82
Chrysene
Concen: 6.407 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.02 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Tgt Ion:228 Resp: 89113
Ion Ratio Lower Upper
228 100
226 40.2 25.0 37.6#
229 45.7 16.2 24.4#

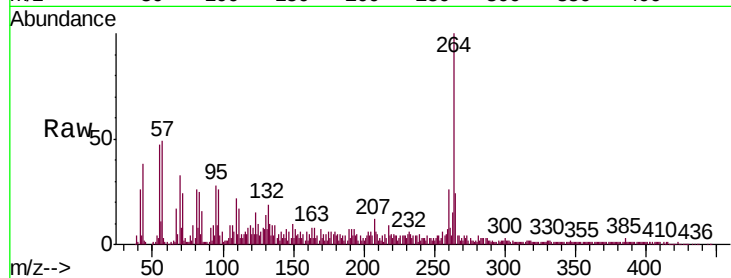




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF107918.D
Acq: 2 Aug 2018 19:18

Instrument :
BNA_F
ClientSampleId :
UST-S

Tgt Ion:	264	Resp:	228811
Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	23.6	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

