

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
 Data File : BF110913.D
 Acq On : 21 Nov 2018 1:14
 Operator : JU/SJ
 Sample : J6003-07DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-CDL

Quant Time: Nov 21 04:19:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59576	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	217985	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	96402	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	146037	20.00	ng	0.00
76) Chrysene-d12	14.13	240	138088	20.00	ng	0.00
87) Perylene-d12	15.67	264	90600	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	66519	18.14	ng	0.00
7) Phenol-d6	6.57	99	88662	18.90	ng	0.00
23) Nitrobenzene-d5	7.51	82	54045	14.28	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	12895	13.28	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	94293	13.97	ng	0.00
79) Terphenyl-d14	13.06	244	84175	11.42	ng	0.00

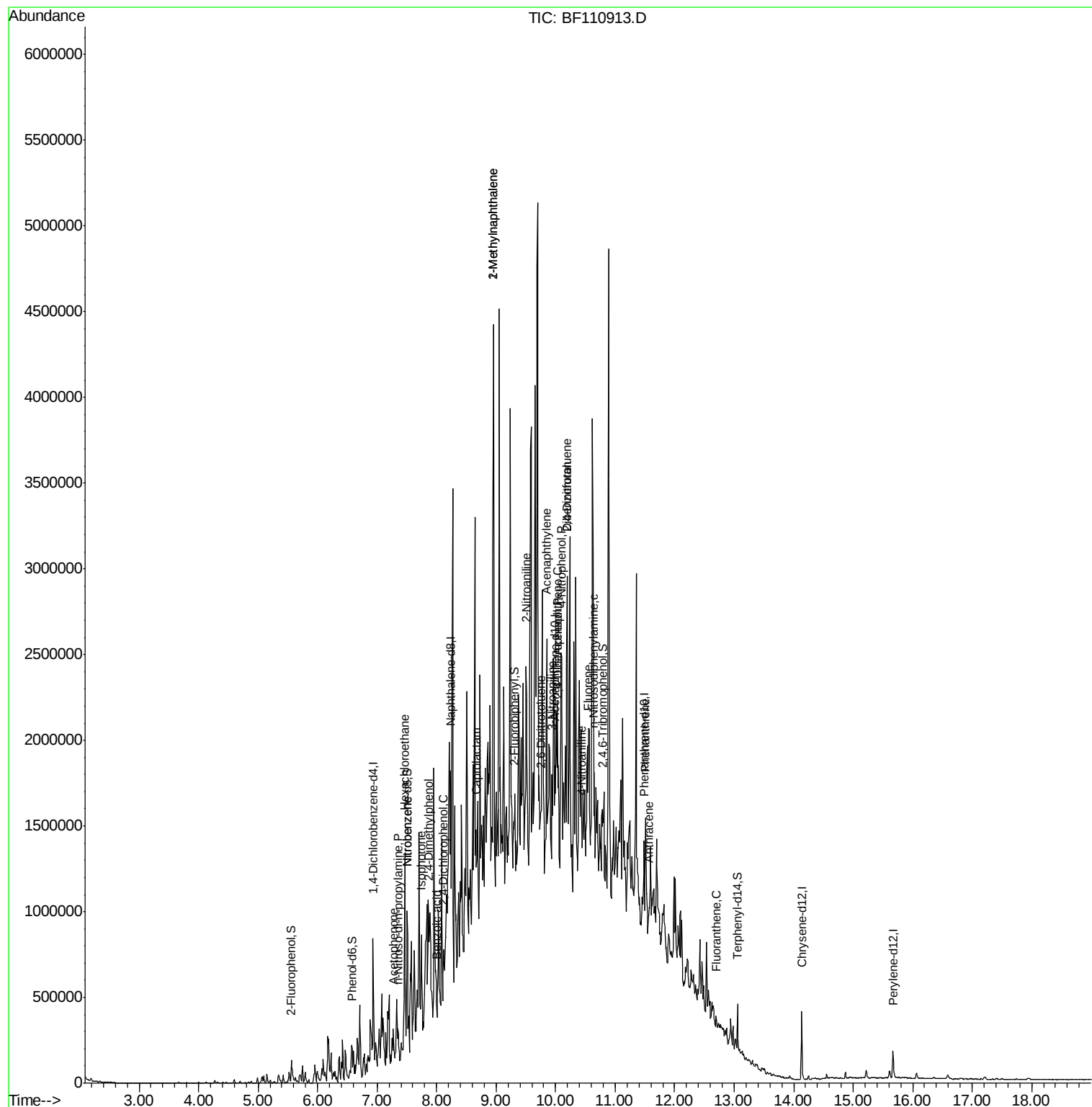
Target Compounds				Qvalue		
9) Benzaldehyde	6.46	77	1505	Below Cal	#	1
18) Hexachloroethane	7.47	117	48120	27.284	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	9895	3.305	ng	# 76
22) Acetophenone	7.27	105	12391	2.439	ng	# 44
24) Nitrobenzene	7.50	77	9992	2.576	ng	# 26
25) Isophorone	7.75	82	30827	4.969	ng	# 1
27) 2,4-Dimethylphenol	7.87	122	7000	2.376	ng	# 32
29) 2,4-Dichlorophenol	8.12	162	8092	2.669	ng	# 40
32) Benzoic acid	8.00	122	4480	2.149	ng	# 19
35) Caprolactam	8.67	113	8005	7.903	ng	# 1
37) 2-Methylnaphthalene	8.96	142	1167334	174.012	ng	# 99
38) 1-Methylnaphthalene	8.96	142	1167334	180.940	ng	# 96
48) 2-Nitroaniline	9.50	65	8329	4.172	ng	# 44
49) Acenaphthylene	9.85	152	24921	2.671	ng	# 1
51) 2,6-Dinitrotoluene	9.75	165	4417	2.791	ng	# 54
52) Acenaphthene	10.03	154	46284	7.849	ng	# 40
53) 3-Nitroaniline	9.93	138	4943	2.696	ng	# 42
54) 2,4-Dinitrophenol	10.04	184	425	5.336	ng	# 1
55) Dibenzofuran	10.20	168	57696	6.688	ng	# 1
56) 4-Nitrophenol	10.10	139	38080	31.310	ng	# 58
57) 2,4-Dinitrotoluene	10.19	165	21741	10.567	ng	# 55
58) Fluorene	10.54	166	85011	12.829	ng	# 79
62) 4-Nitroaniline	10.44	138	5418	2.935	ng	# 91
66) n-Nitrosodiphenylamine	10.64	169	125203	25.435	ng	# 38
71) Phenanthrene	11.51	178	233741	29.875	ng	# 96
72) Anthracene	11.57	178	18650	2.363	ng	# 19
75) Fluoranthene	12.70	202	17612	2.245	ng	# 94

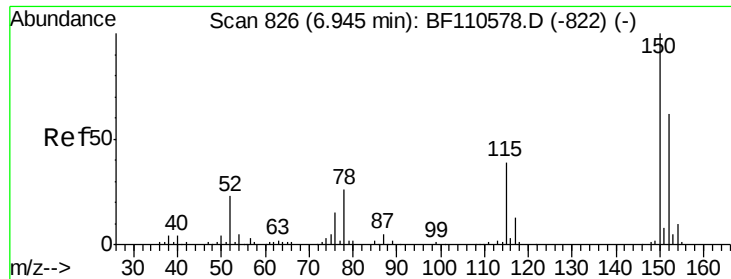
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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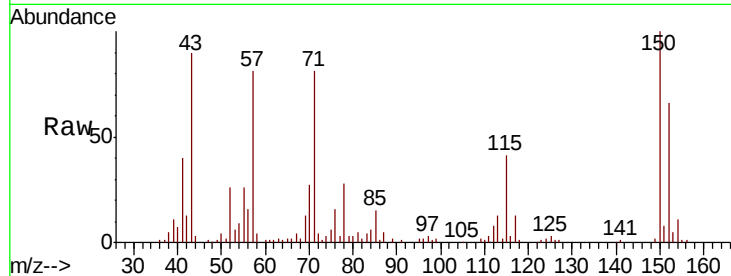




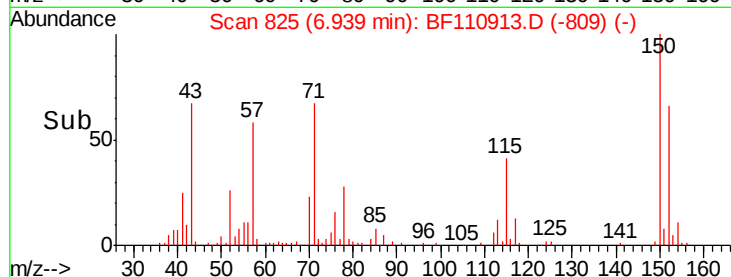
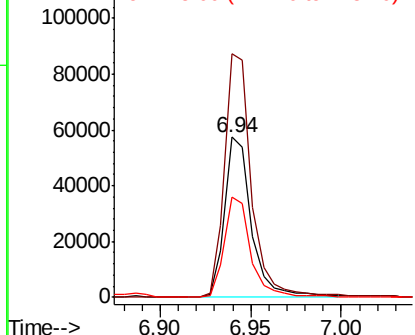
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-CDL

Tgt Ion:152 Resp: 59576
 Ion Ratio Lower Upper
 152 100
 150 152.1 122.7 184.1
 115 62.5 49.1 73.7

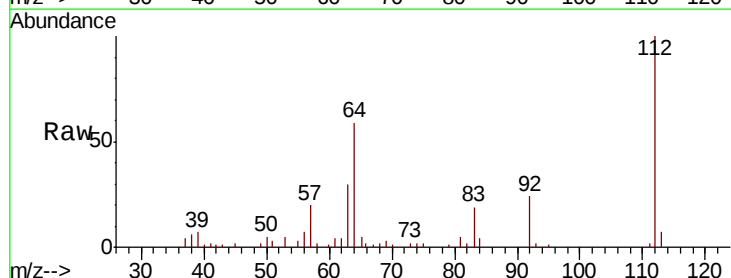


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

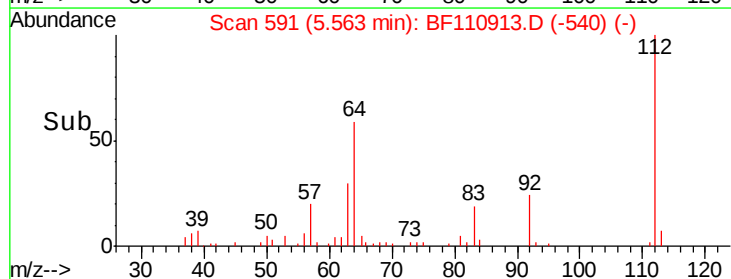
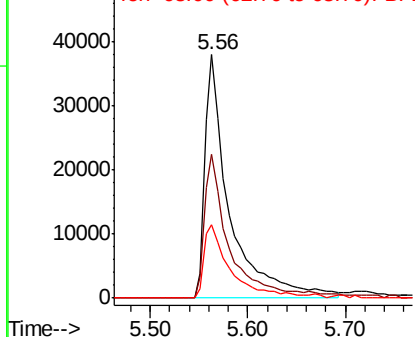


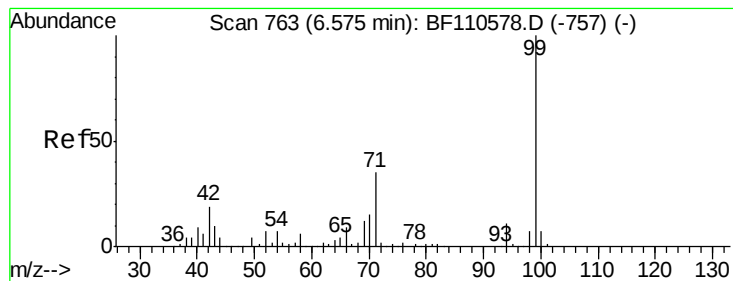
#5
 2-Fluorophenol
 Concen: 18.136 ng
 RT: 5.56 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Tgt Ion:112 Resp: 66519
 Ion Ratio Lower Upper
 112 100
 64 58.9 44.1 66.1
 63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 18.904 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-CDL

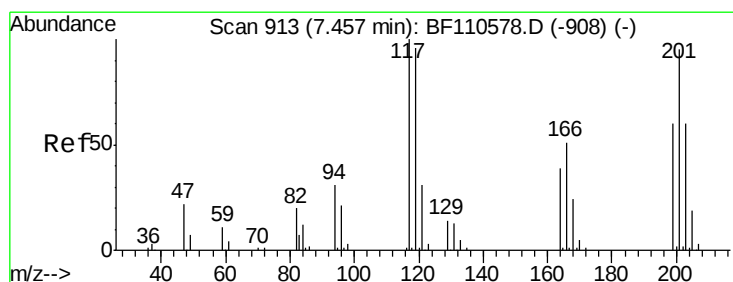
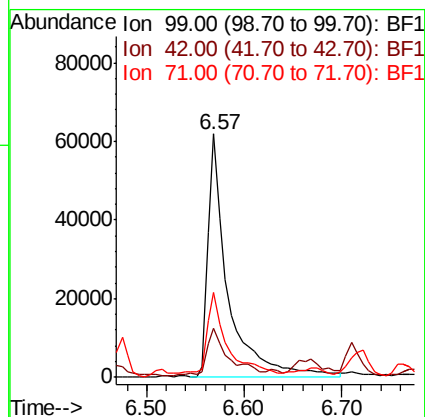
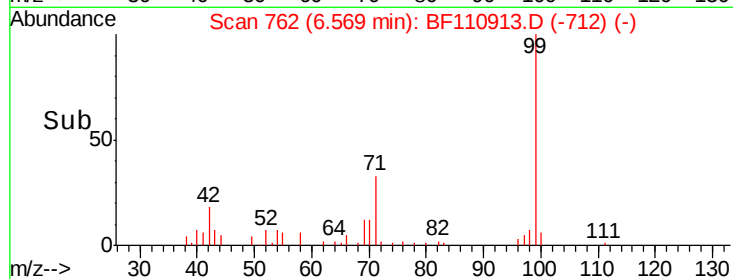
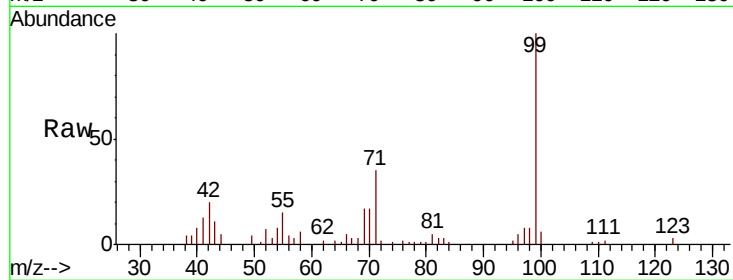
Tgt Ion: 99 Resp: 88662

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

71 34.7 28.0 42.0



#18

Hexachloroethane

Concen: 27.284 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

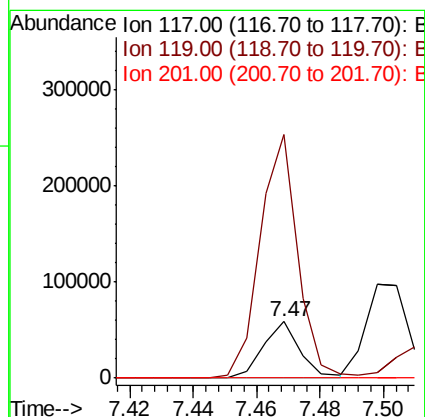
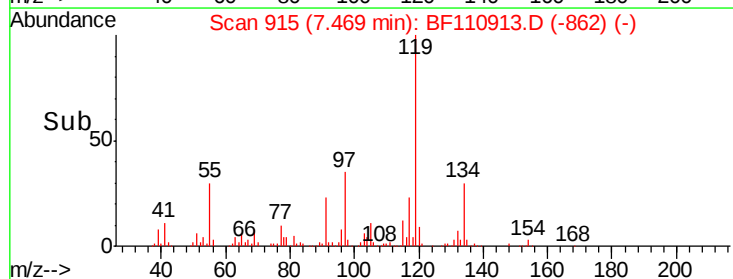
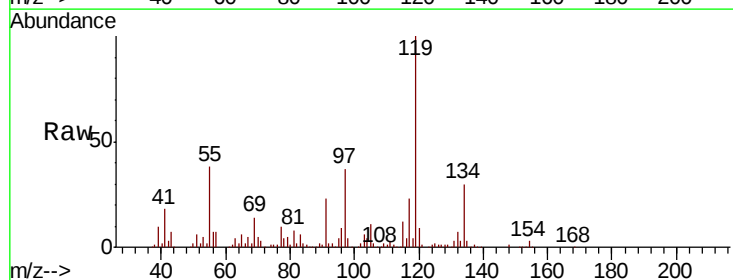
Tgt Ion: 117 Resp: 48120

Ion Ratio Lower Upper

117 100

119 429.7 75.0 112.6#

201 0.0 79.2 118.8#

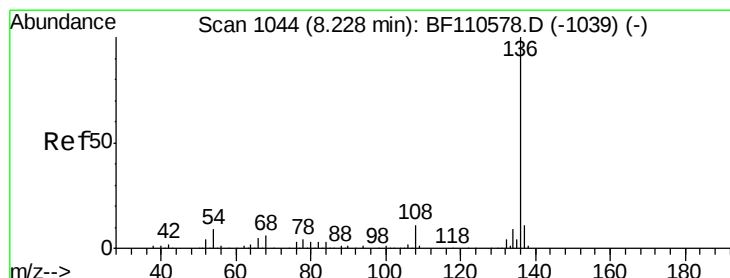
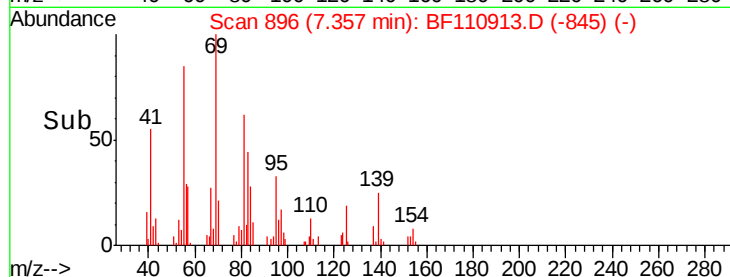
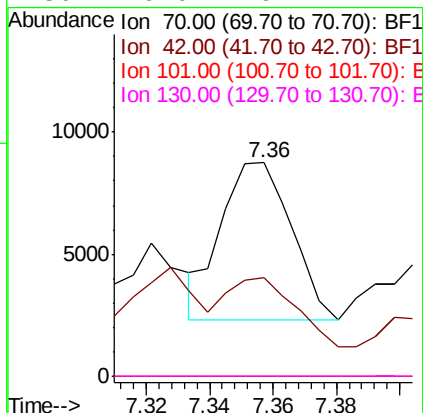
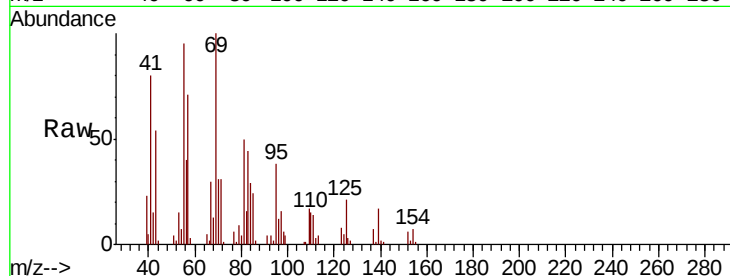




#19
n-Nitroso-di-n-propylamine
Concen: 3.305 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

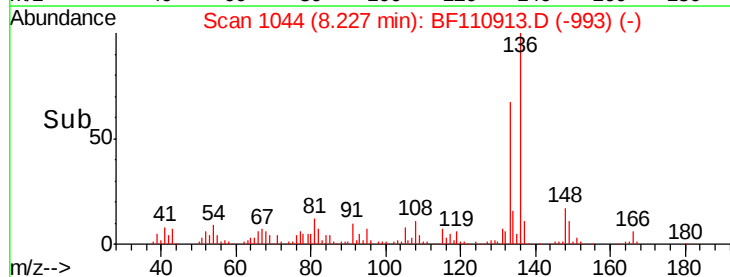
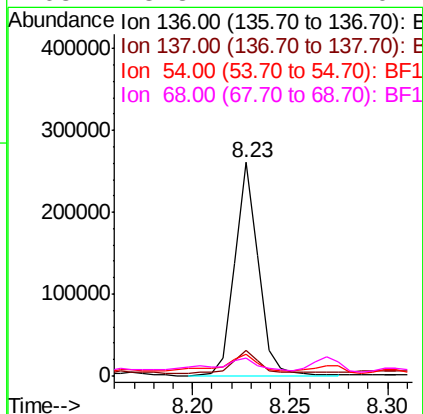
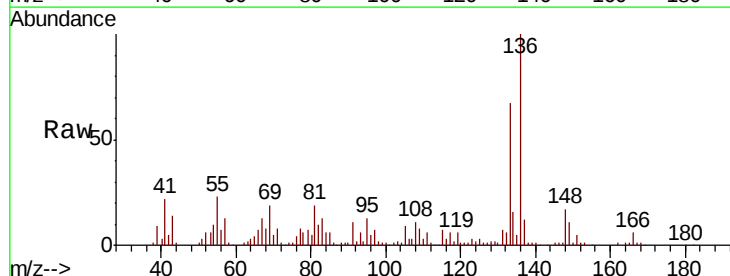
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ClientSampleId :
NON-UST-03R-CDL

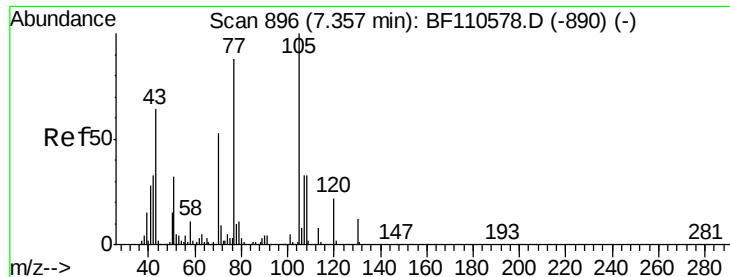
Tgt Ion:	70	Resp:	9895
Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.4	71.2#
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Tgt Ion:	136	Resp:	217985
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	10.5	5.4	8.2#
68	8.3	4.2	6.2#





#22

Acetophenone

Concen: 2.439 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.08 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-CDL

Tgt Ion: 105 Resp: 12391

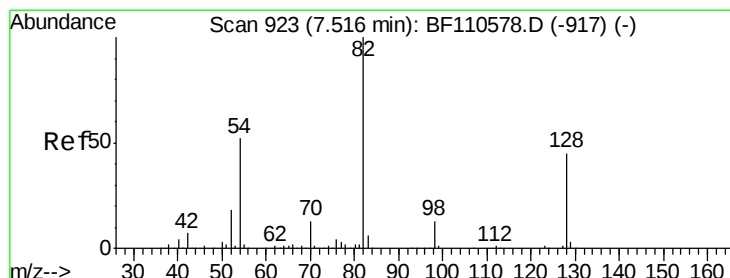
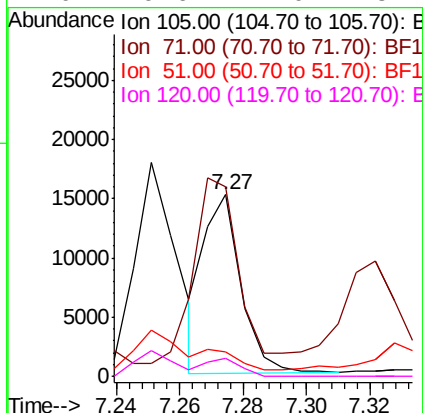
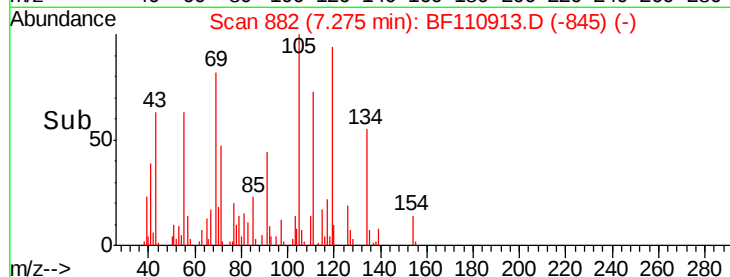
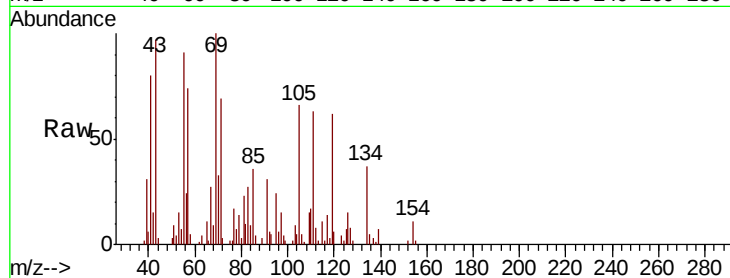
Ion Ratio Lower Upper

105 100

71 104.2 5.2 7.8#

51 13.7 21.8 32.8#

120 9.6 17.0 25.4#



#23

Nitrobenzene-d5

Concen: 14.278 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

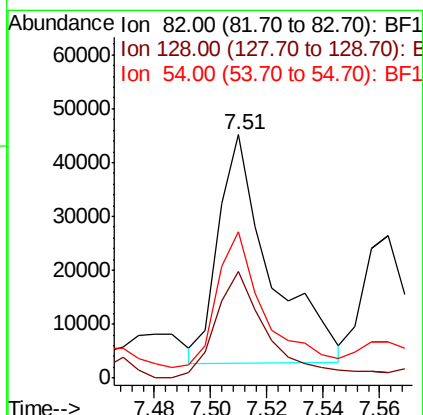
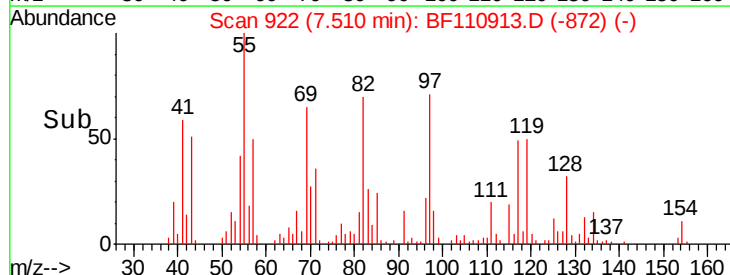
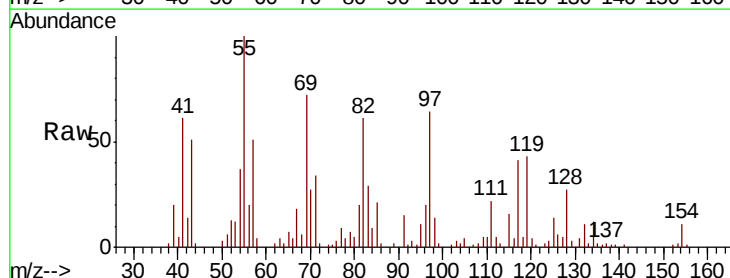
Tgt Ion: 82 Resp: 54045

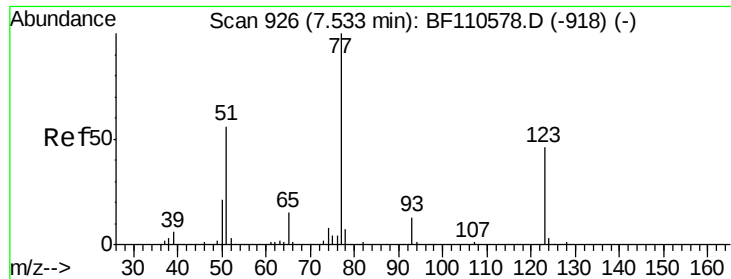
Ion Ratio Lower Upper

82 100

128 43.9 34.2 51.2

54 60.0 38.6 58.0#

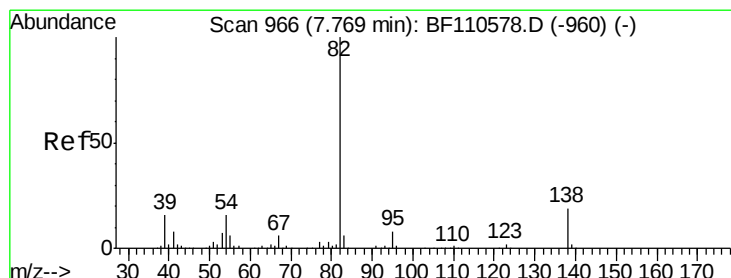
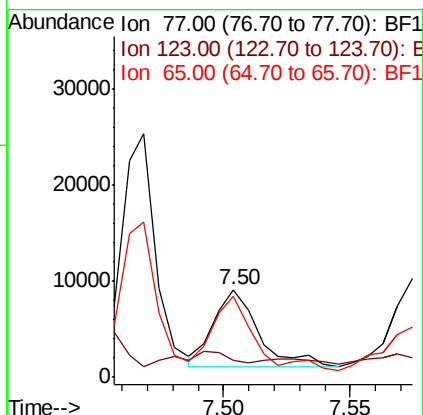
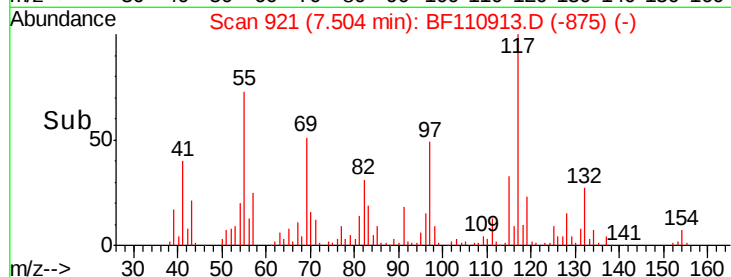
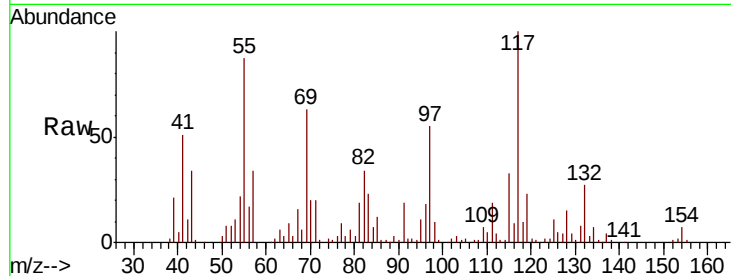




#24
Nitrobenzene
Concen: 2.576 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

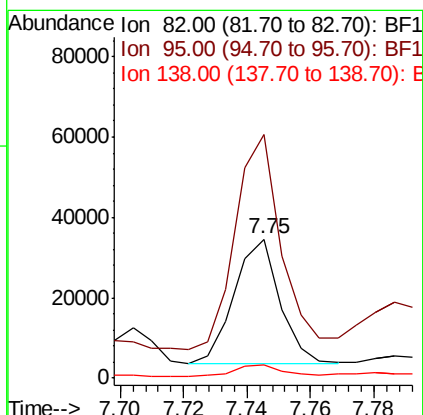
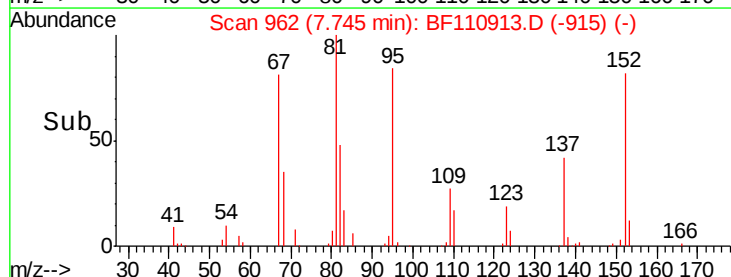
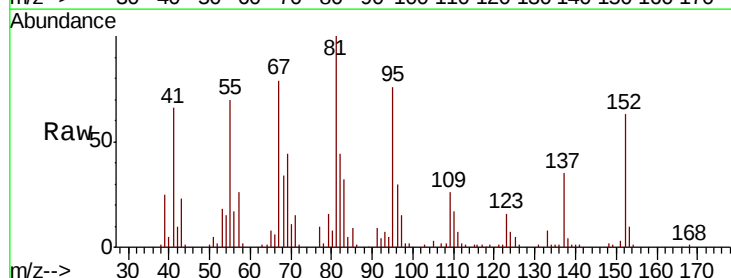
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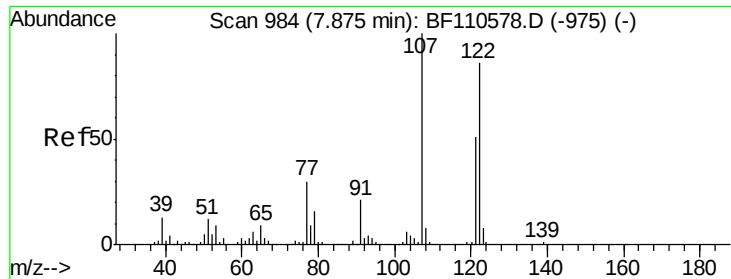
Tgt Ion: 77 Resp: 9992
Ion Ratio Lower Upper
77 100
123 20.2 35.7 53.5#
65 91.9 10.7 16.1#



#25
Isophorone
Concen: 4.969 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.02 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Tgt Ion: 82 Resp: 30827
Ion Ratio Lower Upper
82 100
95 175.2 5.7 8.5#
138 9.8 13.2 19.8#

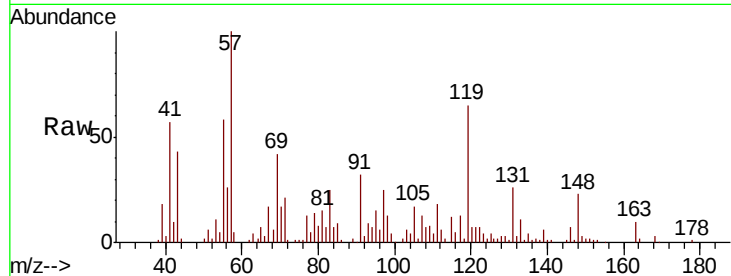




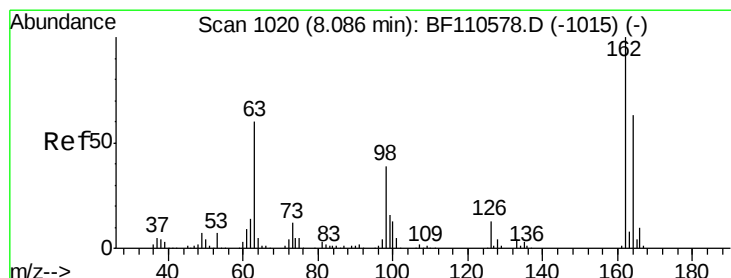
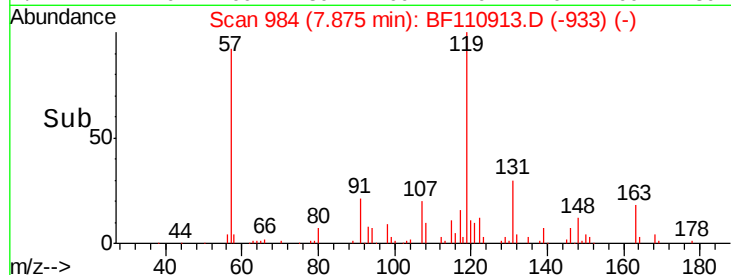
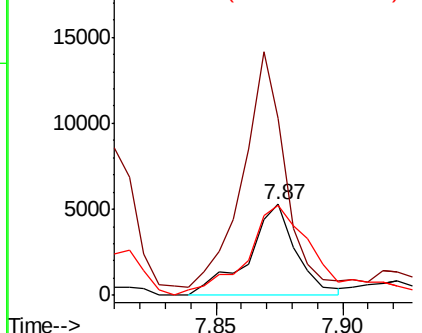
#27
 2,4-Dimethylphenol
 Concen: 2.376 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Instrument :
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 ClientSampleId :
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Tgt Ion:122 Resp: 7000
 Ion Ratio Lower Upper
 122 100
 107 195.8 92.5 138.7#
 121 99.5 45.8 68.8#

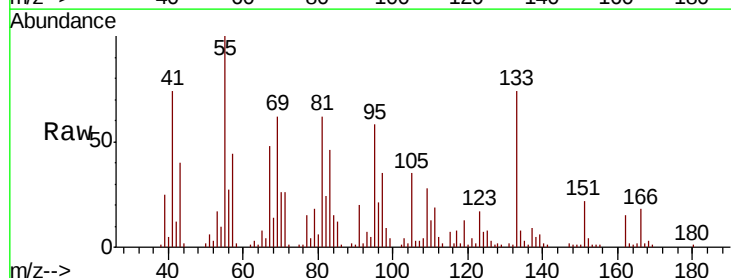


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

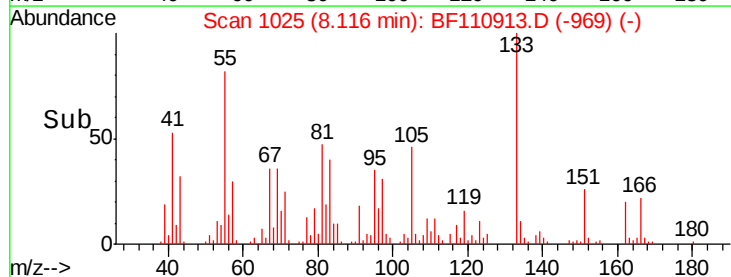
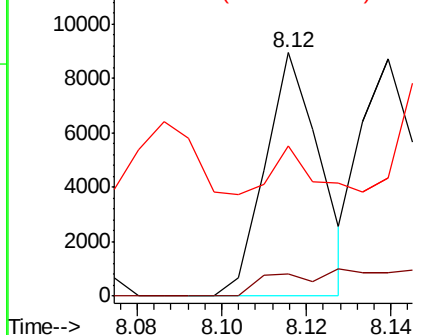


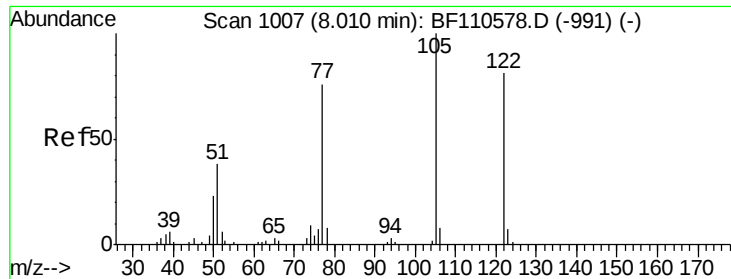
#29
 2,4-Dichlorophenol
 Concen: 2.669 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.03 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Tgt Ion:162 Resp: 8092
 Ion Ratio Lower Upper
 162 100
 164 8.9 44.6 84.6#
 98 61.7 17.4 57.4#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

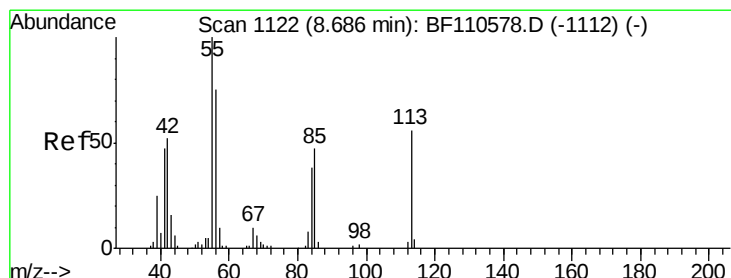
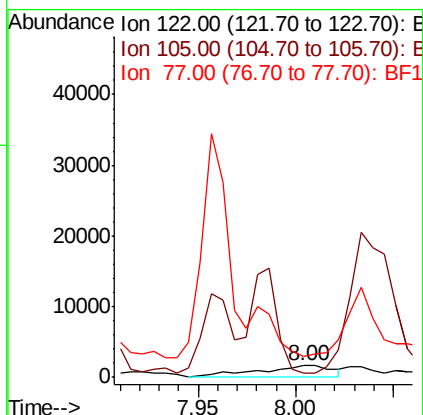
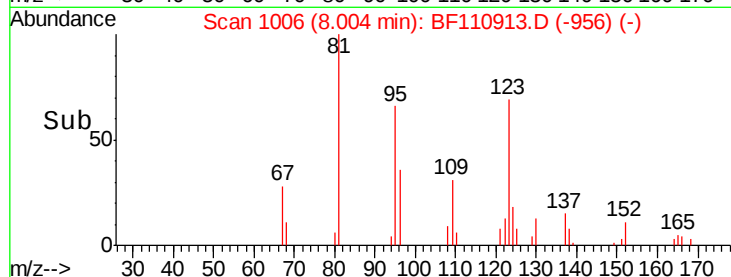
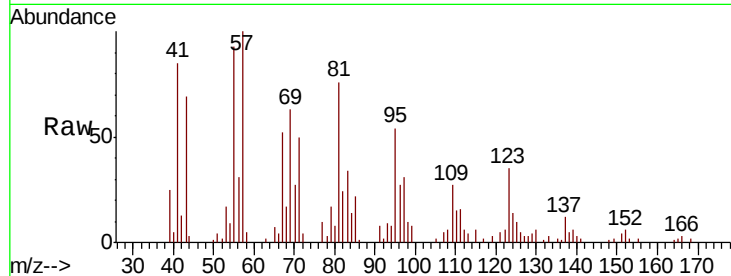




#32
Benzoic acid
Concen: 2.149 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

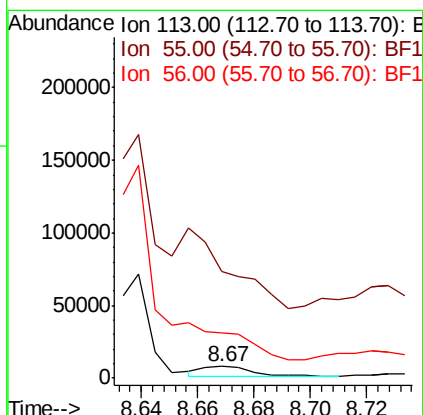
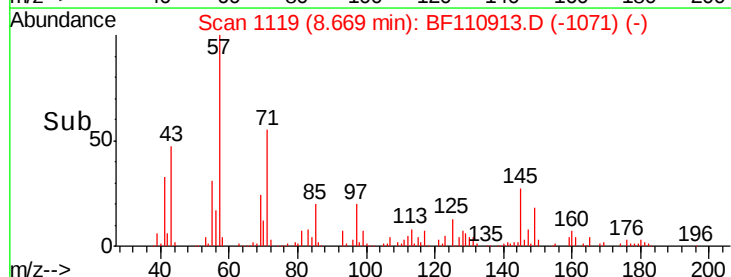
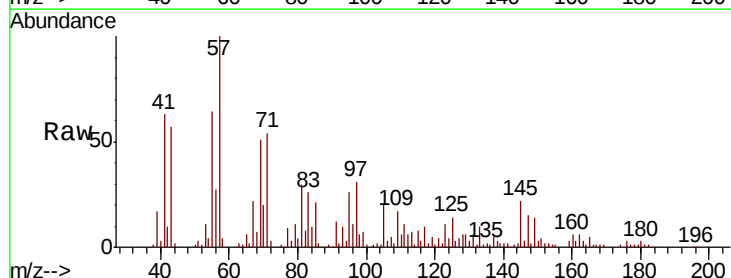
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ClientSampleId :
NON-UST-03R-CDL

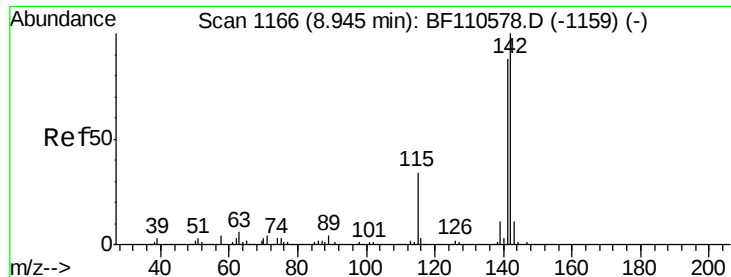
Tgt Ion:122 Resp: 4480
Ion Ratio Lower Upper
122 100
105 31.7 109.0 149.0#
77 175.9 79.0 119.0#



#35
Caprolactam
Concen: 7.903 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Tgt Ion:113 Resp: 8005
Ion Ratio Lower Upper
113 100
55 940.3 142.8 182.8#
56 399.6 105.0 145.0#

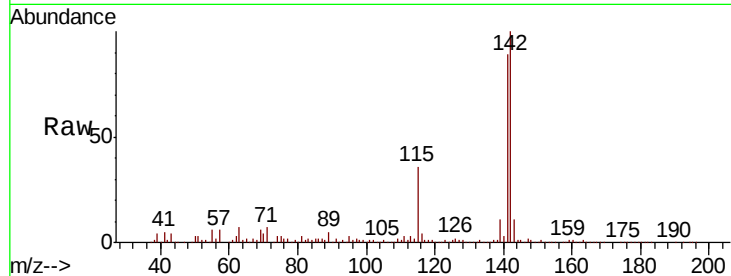




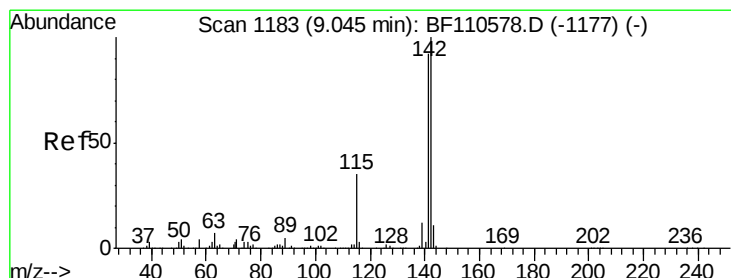
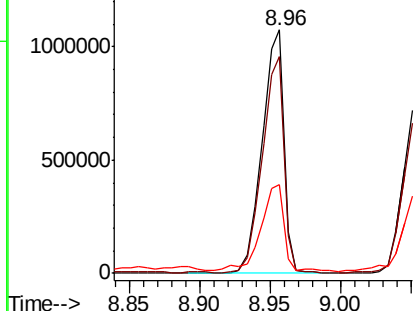
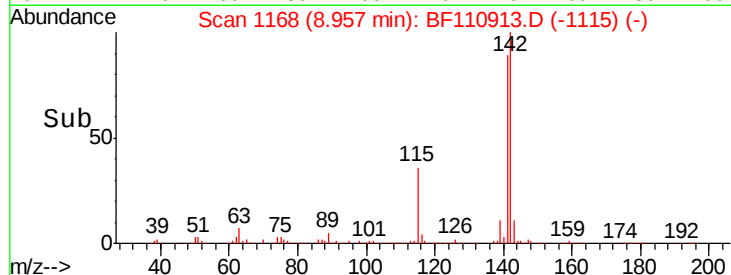
#37
2-Methylnaphthalene
Concen: 174.012 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-CDL

Tgt Ion:142 Resp: 1167334
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2
115 36.3 28.7 43.1

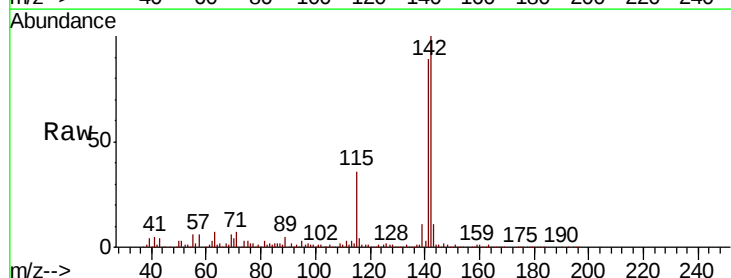


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

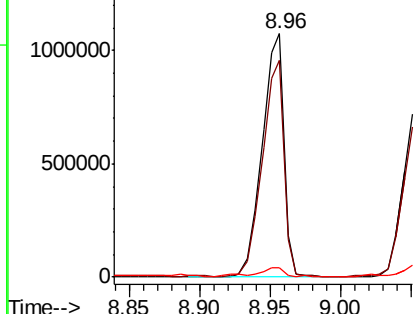
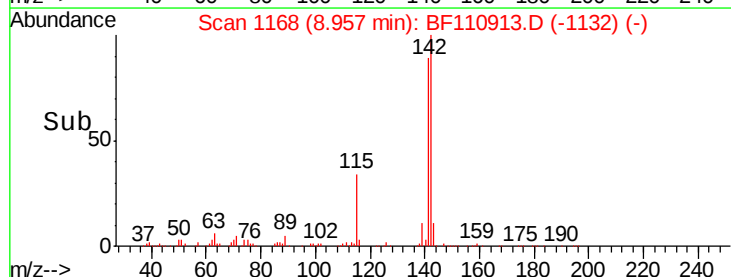


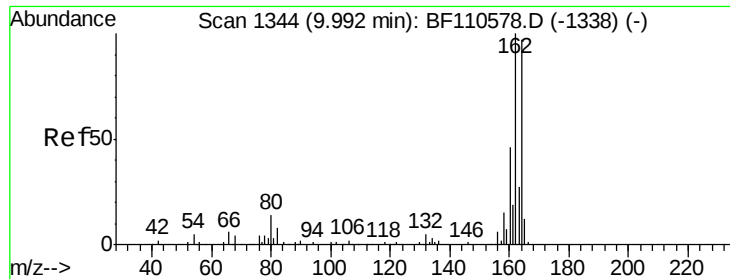
#38
1-Methylnaphthalene
Concen: 180.940 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.09 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Tgt Ion:142 Resp: 1167334
Ion Ratio Lower Upper
142 100
141 88.8 74.2 111.4
116 3.9 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-CDL

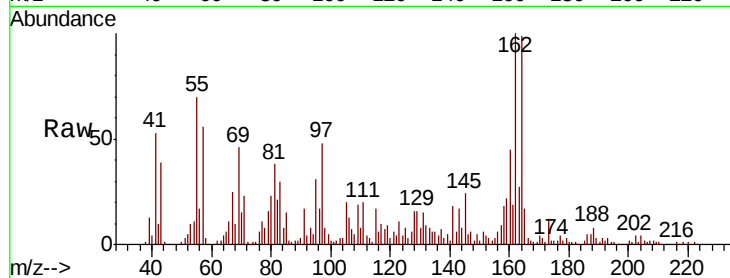
Tgt Ion:164 Resp: 96402

Ion Ratio Lower Upper

164 100

162 101.5 83.0 124.6

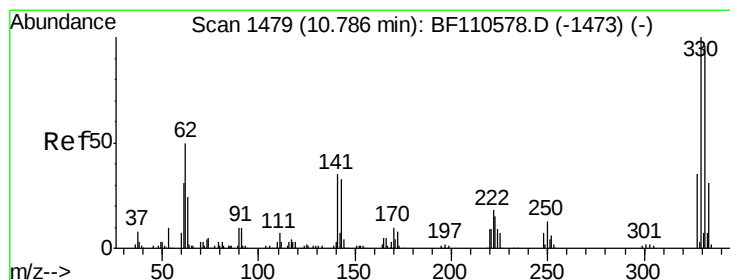
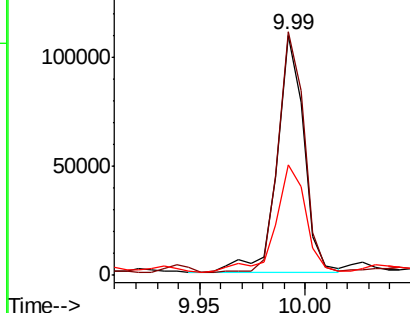
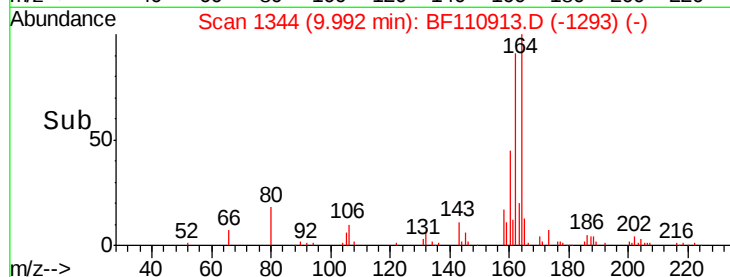
160 46.1 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 13.275 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

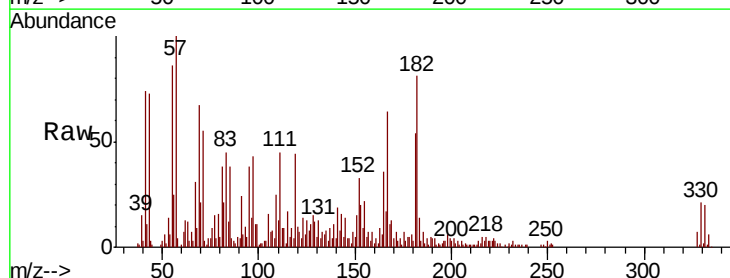
Tgt Ion:330 Resp: 12895

Ion Ratio Lower Upper

330 100

332 94.8 77.1 115.7

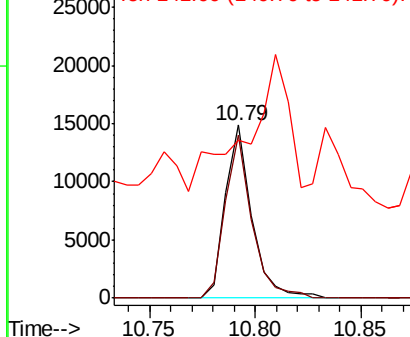
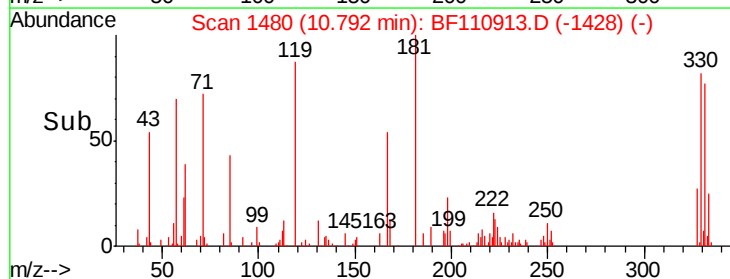
141 123.0 27.0 40.4#

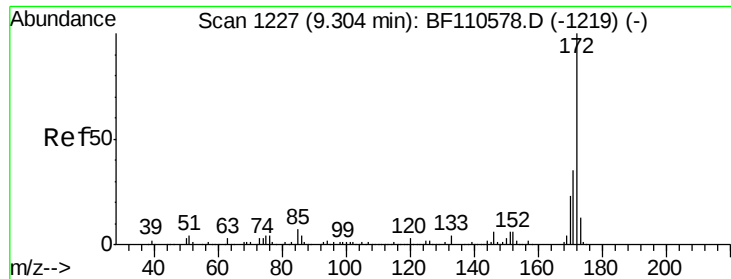


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

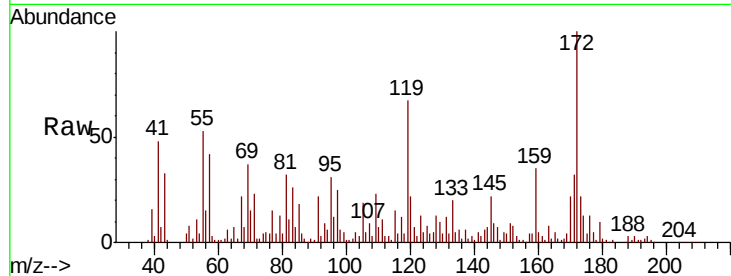




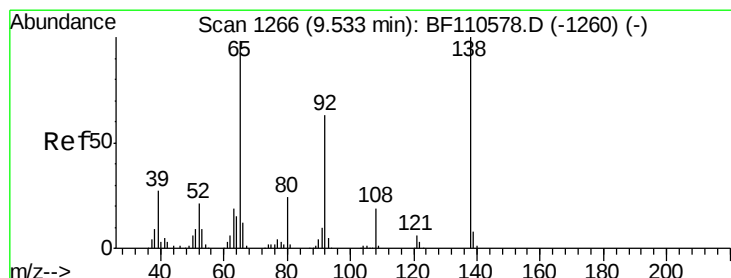
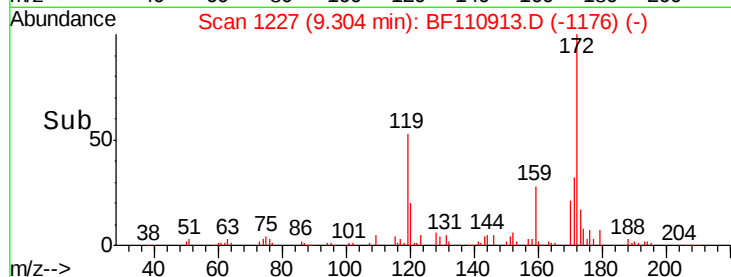
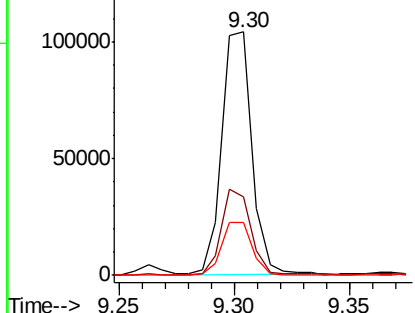
#45
 2-Fluorobiphenyl
 Concen: 13.969 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-CDL

Tgt Ion: 172 Resp: 94293
 Ion Ratio Lower Upper
 172 100
 171 32.4 28.6 43.0
 170 21.8 19.7 29.5

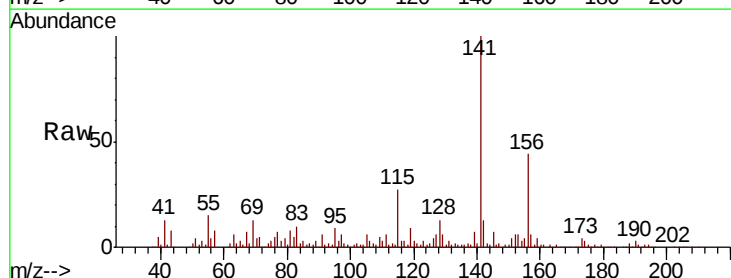


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

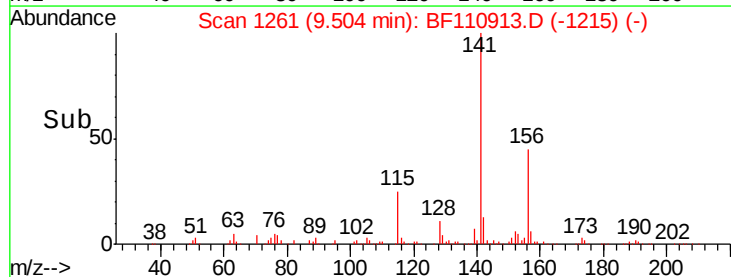
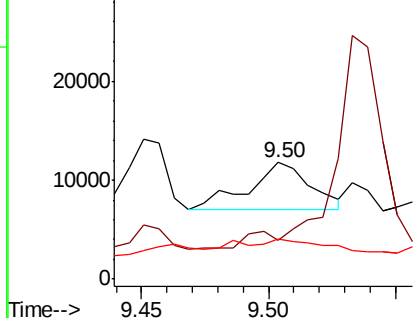


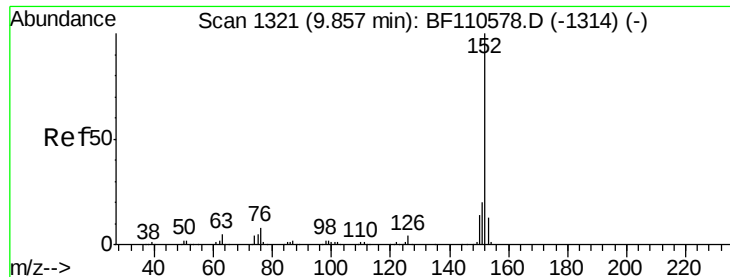
#48
 2-Nitroaniline
 Concen: 4.172 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.03 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Tgt Ion: 65 Resp: 8329
 Ion Ratio Lower Upper
 65 100
 92 33.8 54.6 81.8#
 138 34.7 80.3 120.5#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 2.671 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-CDL

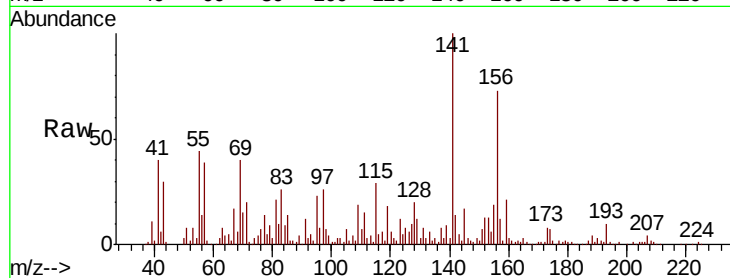
Tgt Ion:152 Resp: 24921

Ion Ratio Lower Upper

152 100

151 53.3 15.8 23.8#

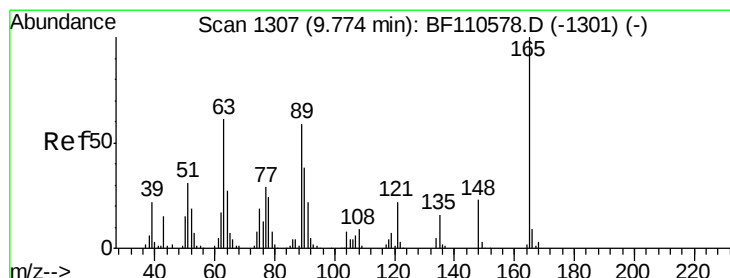
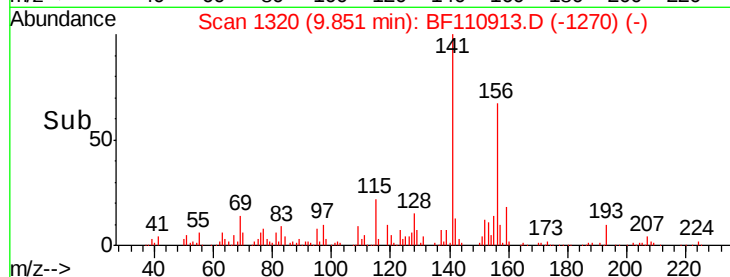
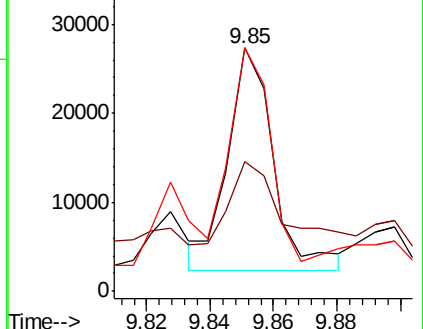
153 99.9 10.4 15.6#



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



#51

2,6-Dinitrotoluene

Concen: 2.791 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

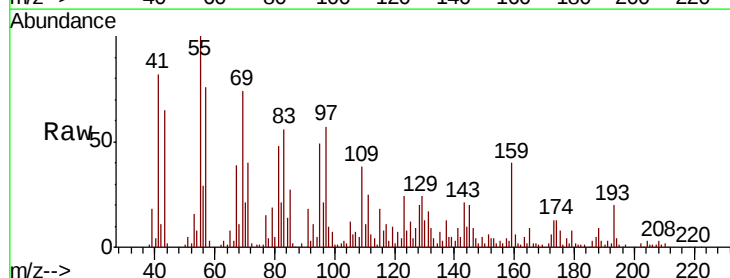
Tgt Ion:165 Resp: 4417

Ion Ratio Lower Upper

165 100

63 30.3 48.9 73.3#

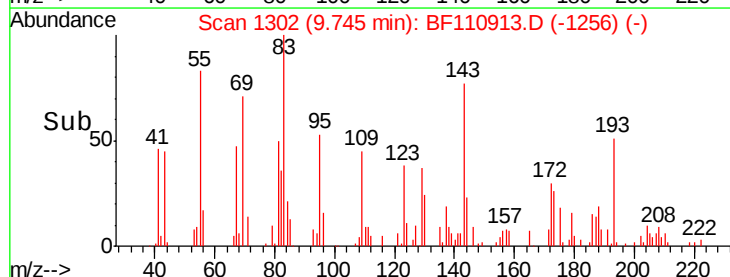
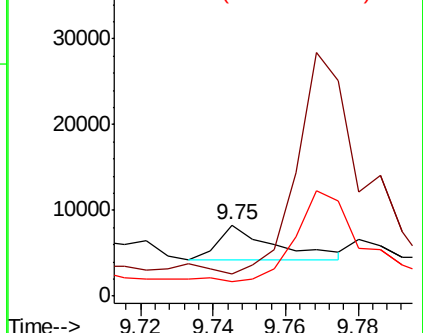
89 19.9 46.6 69.8#

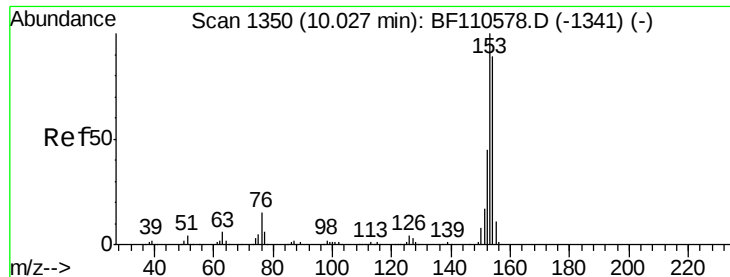


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 7.849 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-CDL

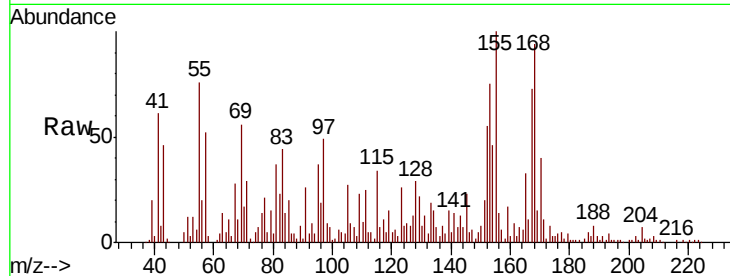
Tgt Ion:154 Resp: 46284

Ion Ratio Lower Upper

154 100

153 161.8 90.1 135.1#

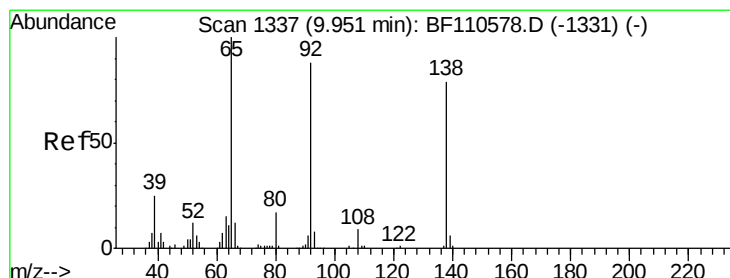
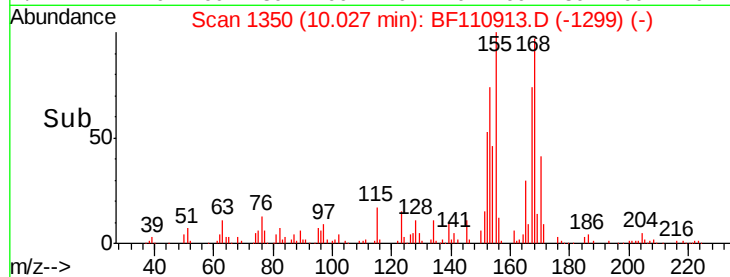
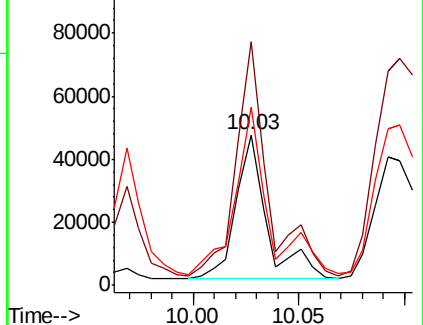
152 118.9 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 2.696 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

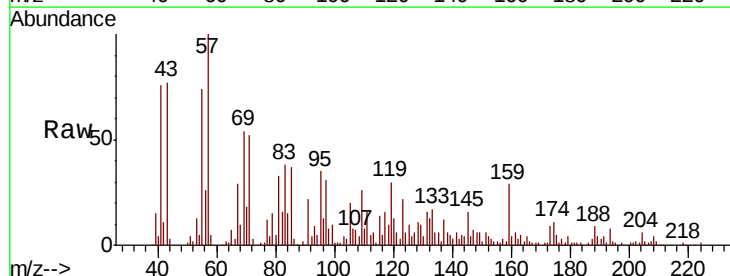
Tgt Ion:138 Resp: 4943

Ion Ratio Lower Upper

138 100

108 61.5 8.7 13.1#

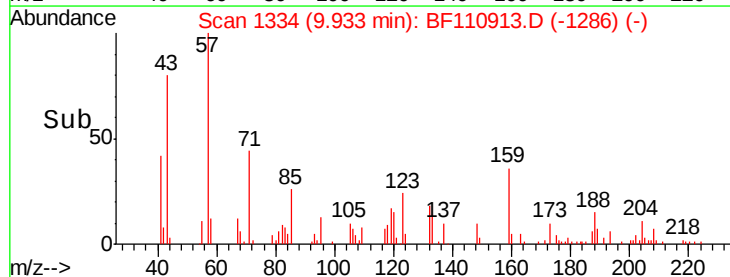
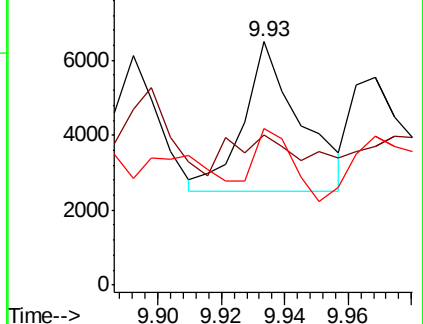
92 64.5 97.0 145.4#

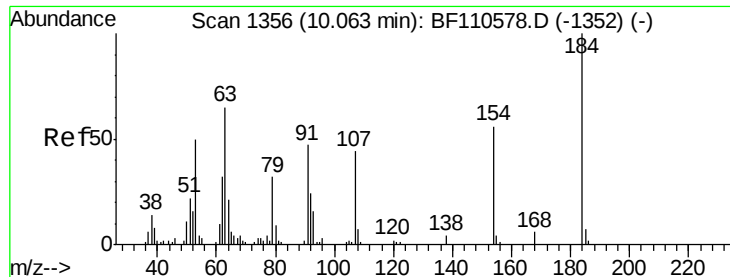


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

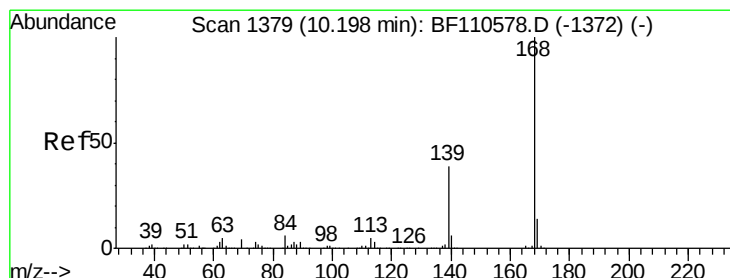
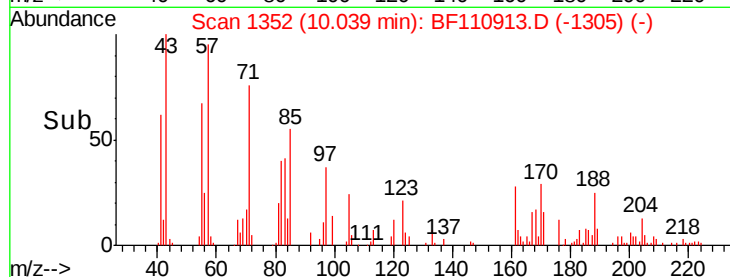
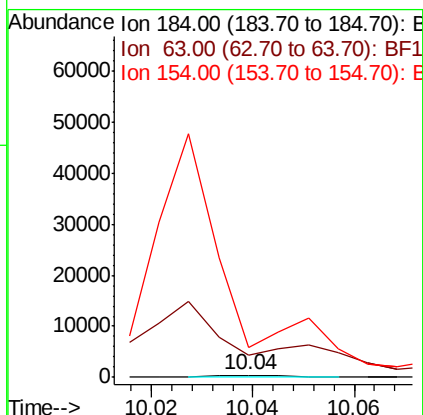
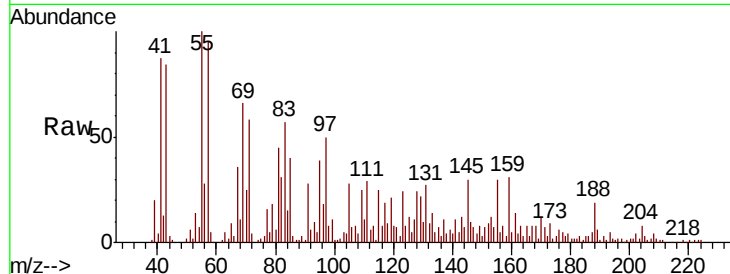




#54
2,4-Dinitrophenol
Concen: 5.336 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

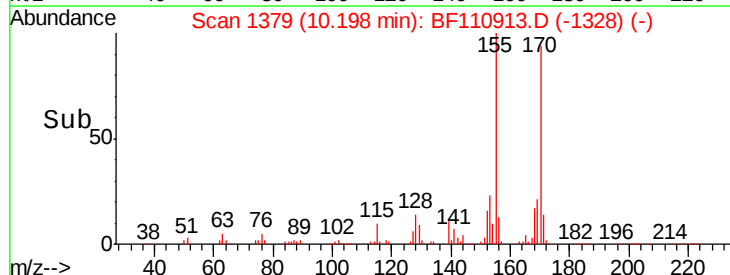
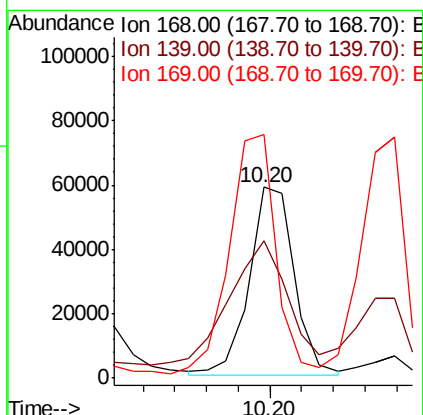
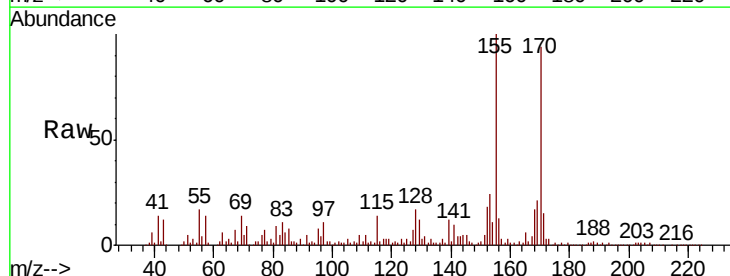
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-CDL

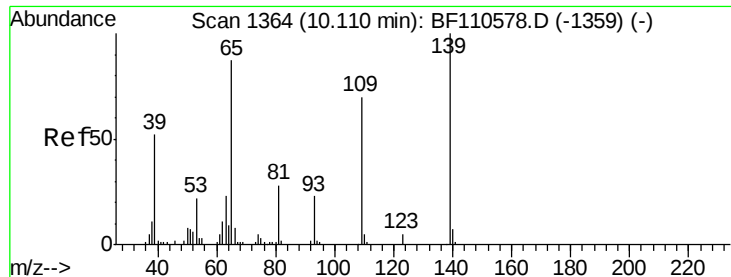
Tgt Ion:184 Resp: 425
Ion Ratio Lower Upper
184 100
63 952.1 55.8 83.6#
154 1313.1 63.2 94.8#



#55
Dibenzofuran
Concen: 6.688 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Tgt Ion:168 Resp: 57696
Ion Ratio Lower Upper
168 100
139 72.3 33.0 49.6#
169 127.7 11.3 16.9#

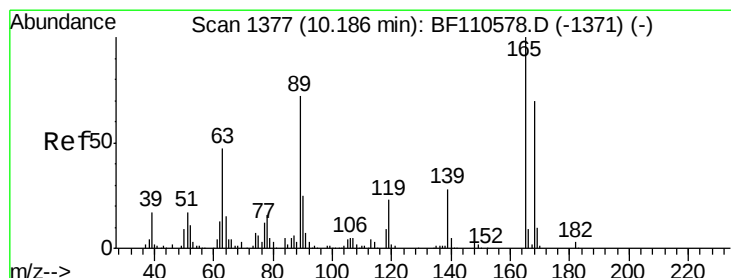
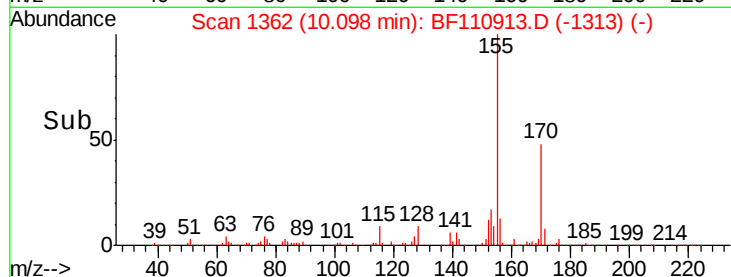
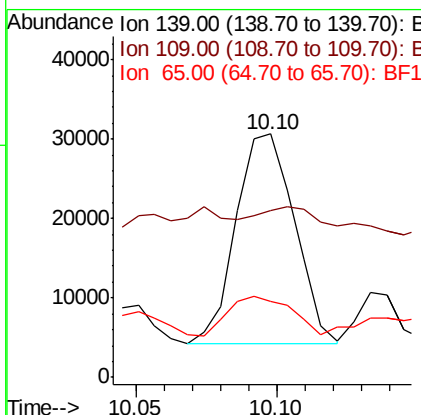
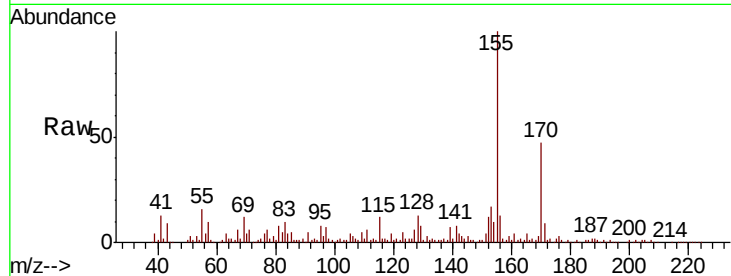




#56
4-Nitrophenol
Concen: 31.310 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

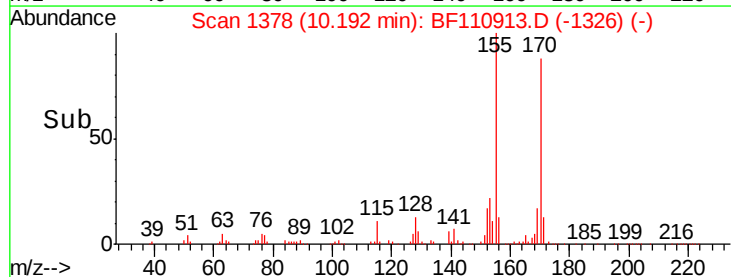
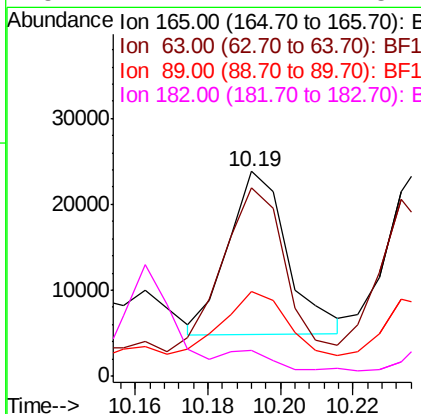
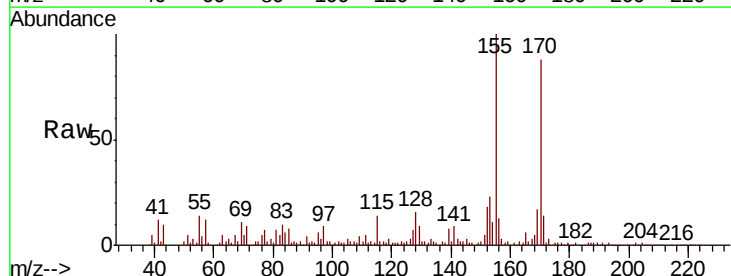
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-CDL

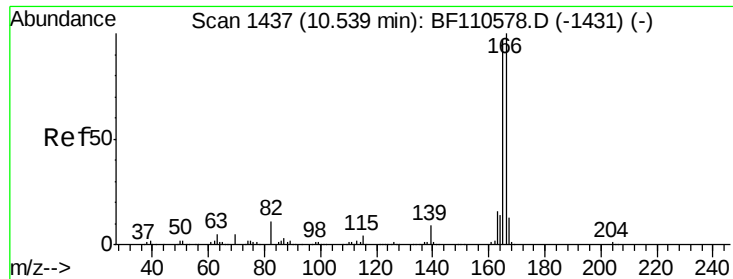
Tgt Ion:139 Resp: 38080
Ion Ratio Lower Upper
139 100
109 68.3 55.8 95.8
65 31.2 77.9 117.9#



#57
2,4-Dinitrotoluene
Concen: 10.567 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Tgt Ion:165 Resp: 21741
Ion Ratio Lower Upper
165 100
63 91.7 44.8 67.2#
89 41.2 62.2 93.4#
182 12.2 2.1 3.1#





#58

Fluorene

Concen: 12.829 ng

RT: 10.54 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-CDL

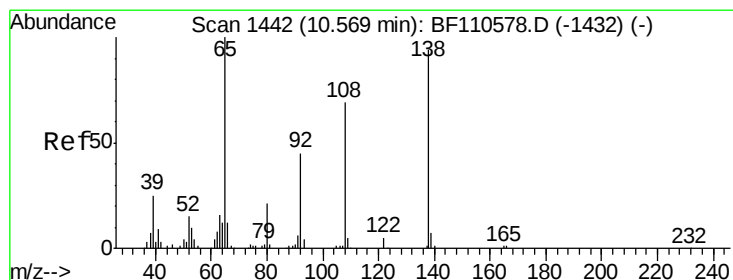
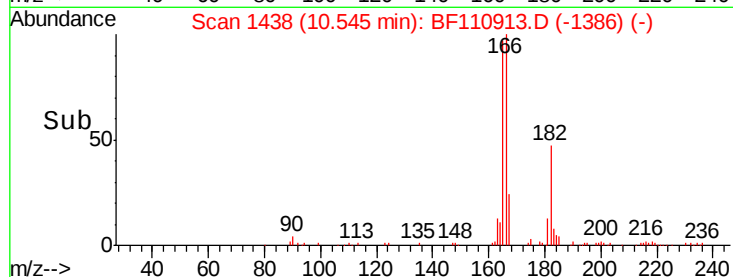
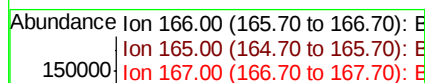
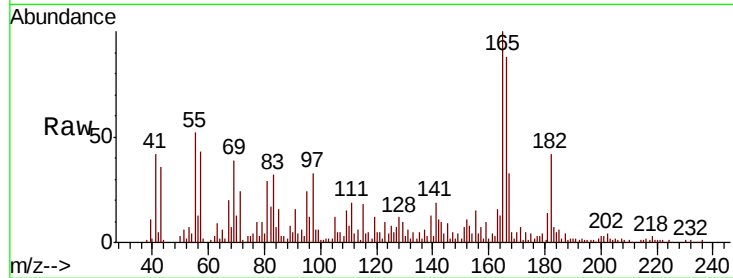
Tgt Ion:166 Resp: 85011

Ion Ratio Lower Upper

166 100

165 113.7 78.6 117.8

167 37.2 10.8 16.2#



#62

4-Nitroaniline

Concen: 2.935 ng

RT: 10.44 min Scan# 1421

Delta R.T. -0.12 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

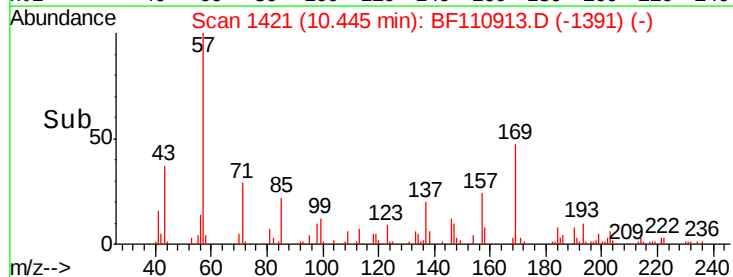
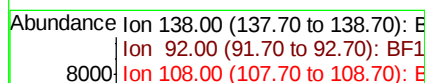
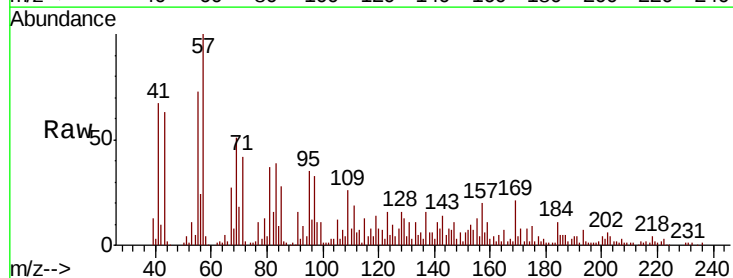
Tgt Ion:138 Resp: 5418

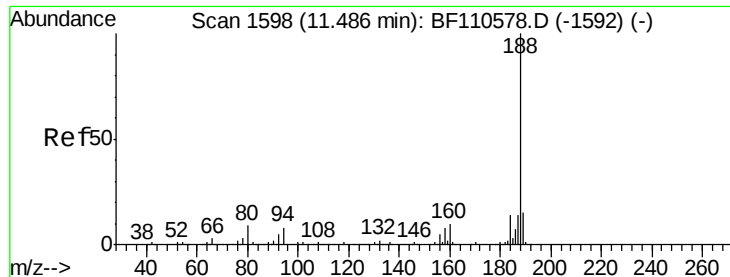
Ion Ratio Lower Upper

138 100

92 50.1 31.7 71.7

108 68.0 59.3 99.3

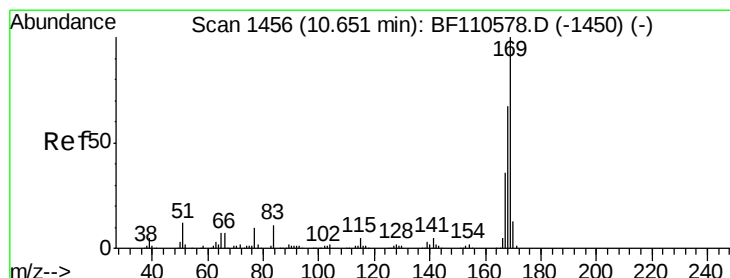
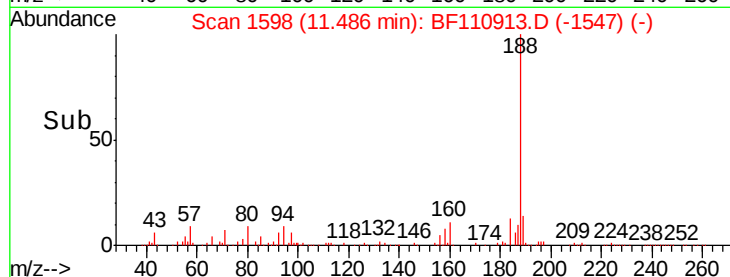
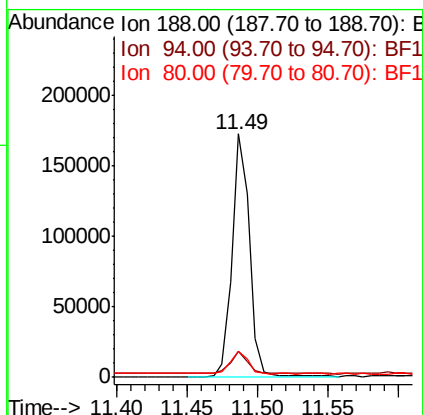
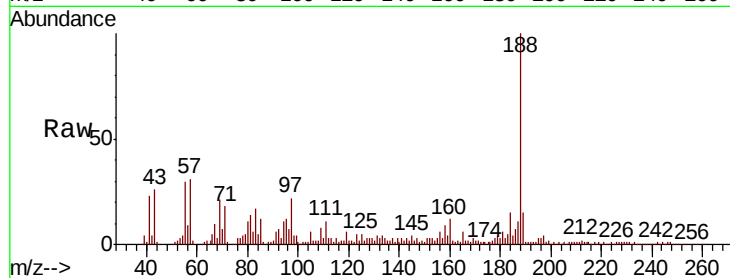




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

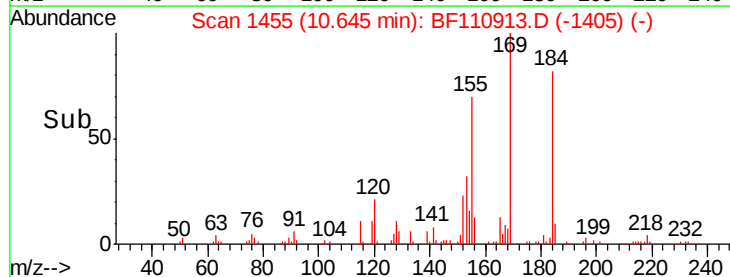
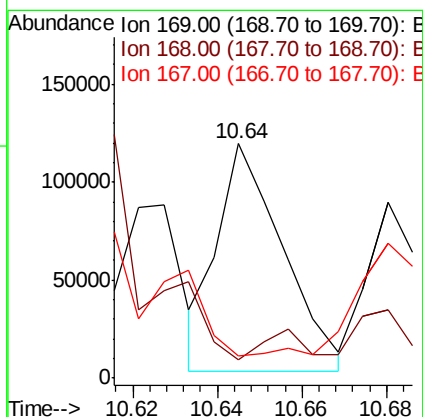
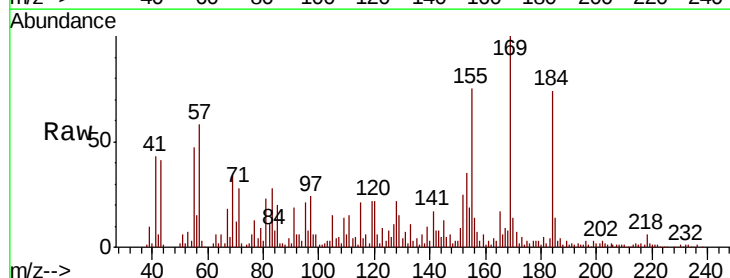
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-CDL

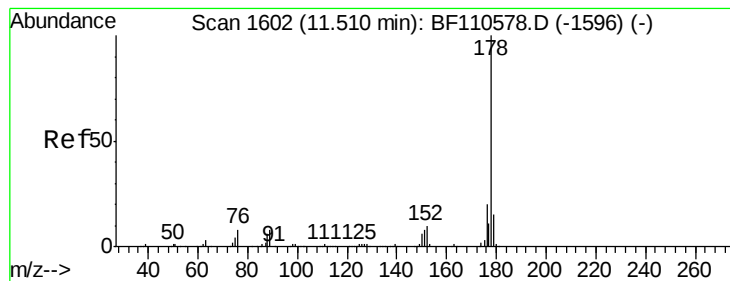
Tgt Ion:188 Resp: 146037
Ion Ratio Lower Upper
188 100
94 10.9 7.2 10.8#
80 10.7 7.9 11.9



#66
n-Nitrosodiphenylamine
Concen: 25.435 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Tgt Ion:169 Resp: 125203
Ion Ratio Lower Upper
169 100
168 8.0 51.2 76.8#
167 9.4 27.8 41.6#





#71

Phenanthrene

Concen: 29.875 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-CDL

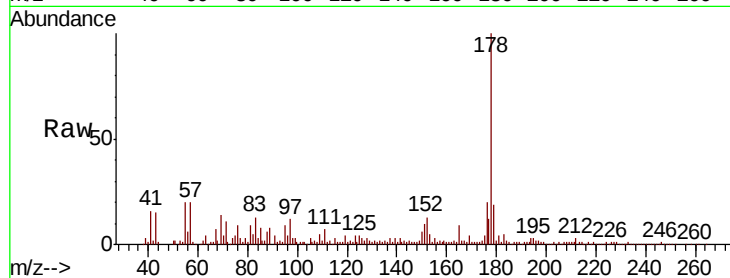
Tgt Ion:178 Resp: 233741

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

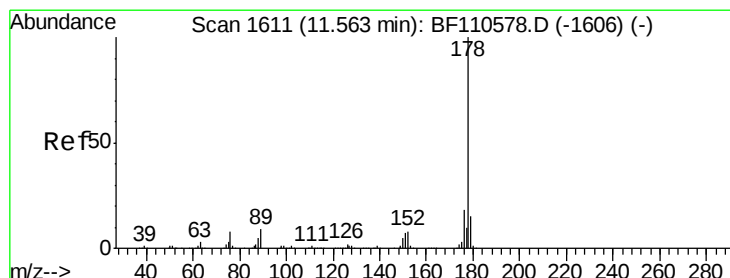
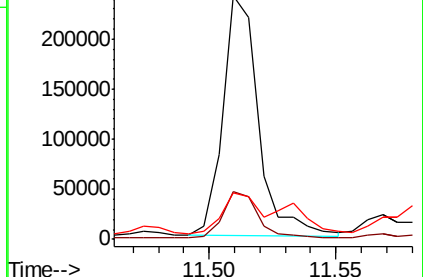
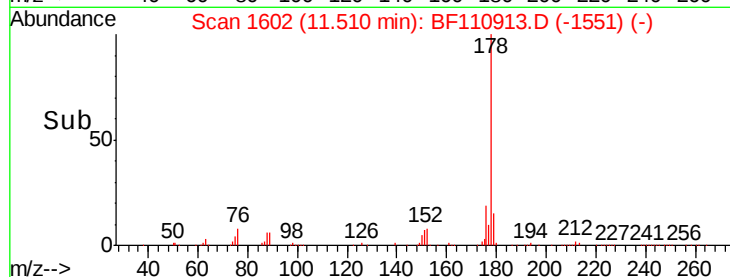
179 19.2 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 2.363 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

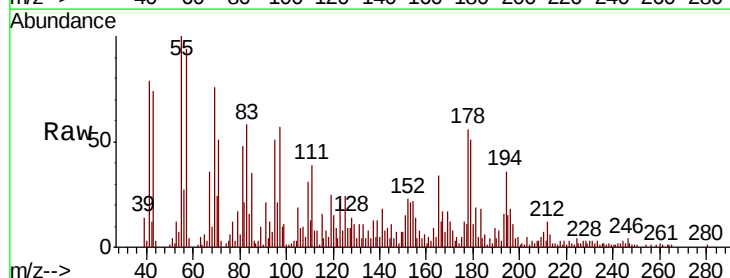
Tgt Ion:178 Resp: 18650

Ion Ratio Lower Upper

178 100

176 21.3 15.4 23.2

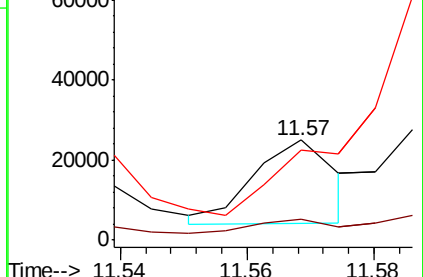
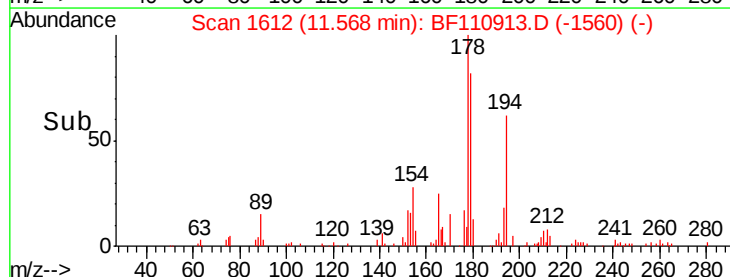
179 90.0 12.6 18.8#

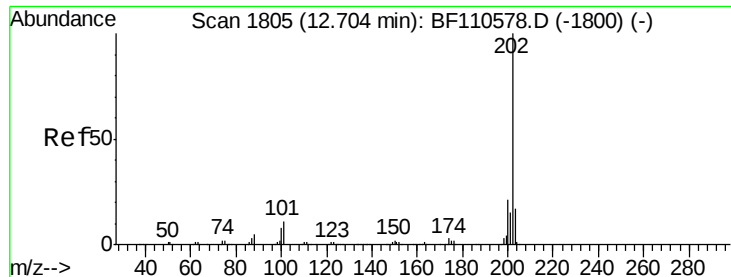


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.245 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-CDL

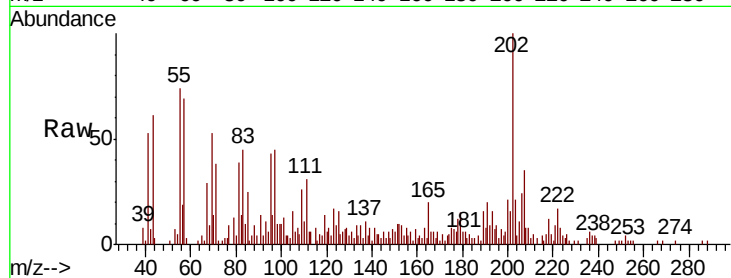
Tgt Ion:202 Resp: 17612

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.4

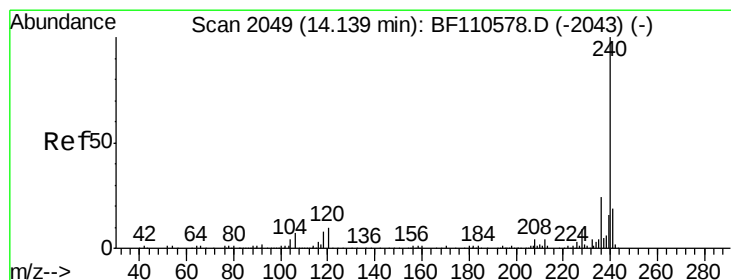
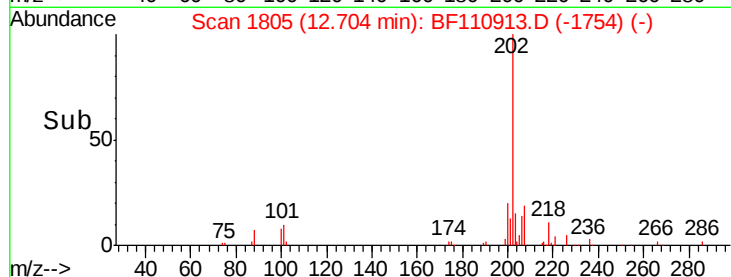
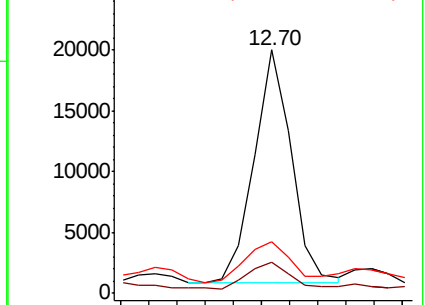
203 21.0 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

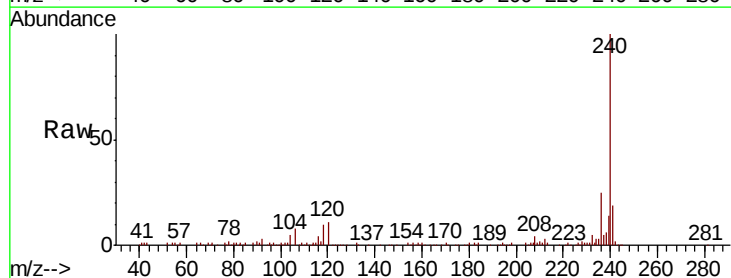
Tgt Ion:240 Resp: 138088

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

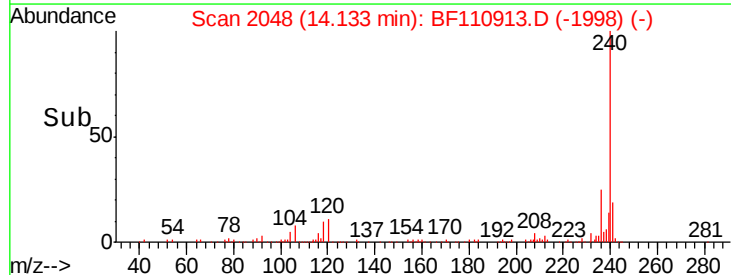
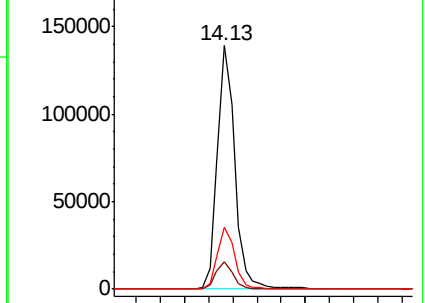
236 25.2 21.2 31.8

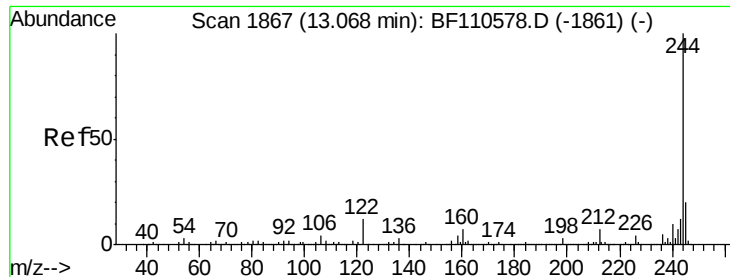


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 11.416 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-CDL

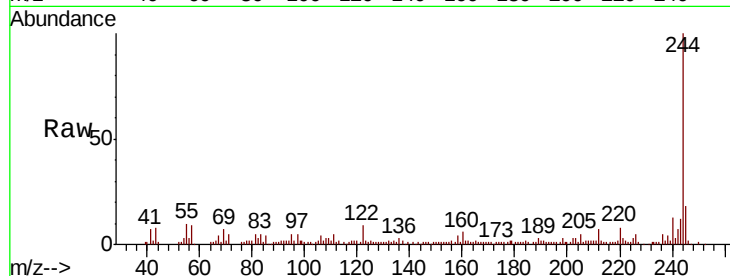
Tgt Ion:244 Resp: 84175

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

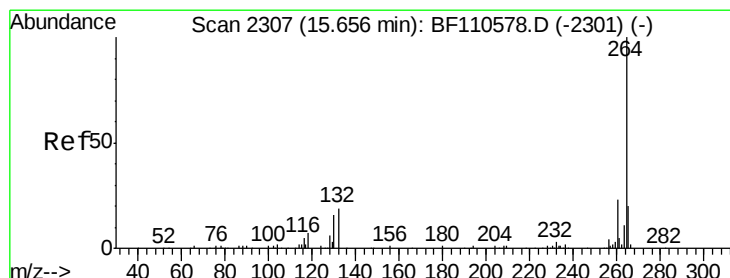
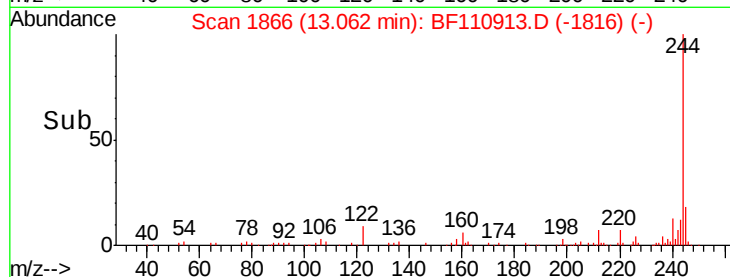
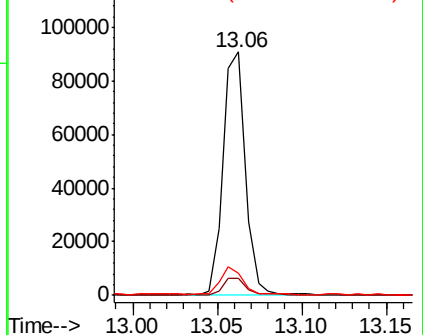
122 9.3 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

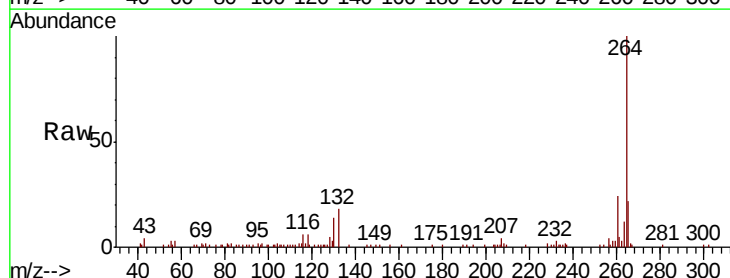
Tgt Ion:264 Resp: 90600

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 16.7 25.1



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

