

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112318\
 Data File : BF110946.D
 Acq On : 23 Nov 2018 16:13
 Operator : JU/SJ
 Sample : J6003-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 23 20:05:41 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	56062	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	190599	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	91767	20.00	ng	0.01
64) Phenanthrene-d10	11.50	188	130279	20.00	ng	0.01
76) Chrysene-d12	14.13	240	135617	20.00	ng	0.00
87) Perylene-d12	15.66	264	136542	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	464730	134.65	ng	0.00
7) Phenol-d6	6.57	99	578426	131.06	ng	0.00
23) Nitrobenzene-d5	7.51	82	360330	108.87	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	94004	101.66	ng	0.02
45) 2-Fluorobiphenyl	9.31	172	515153	80.17	ng	0.00
79) Terphenyl-d14	13.06	244	476398	65.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	50865	29.578	ng	# 85
3) Pyridine	3.59	79	134034	36.109	ng	# 84
4) n-Nitrosodimethylamine	3.54	42	75616	47.476	ng	# 86
6) Aniline	6.61	93	36324	6.311	ng	# 65
8) 2-Chlorophenol	6.73	128	164797	40.730	ng	# 98
9) Benzaldehyde	6.50	77	70747	27.455	ng	# 96
10) Phenol	6.58	94	223088	43.592	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	144340	37.634	ng	# 93
12) 1,3-Dichlorobenzene	6.88	146	166693	37.654	ng	# 97
13) 1,4-Dichlorobenzene	6.96	146	174521	38.821	ng	# 97
14) 1,2-Dichlorobenzene	7.11	146	161437	38.603	ng	# 99
15) Benzyl Alcohol	7.08	79	142418	41.234	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	221825	36.829	ng	# 83
17) 2-Methylphenol	7.19	107	124500	38.664	ng	# 88
18) Hexachloroethane	7.45	117	63767	38.422	ng	# 93
19) n-Nitroso-di-n-propylamine	7.35	70	129936	46.121	ng	# 96
20) 3+4-Methylphenols	7.35	107	160951	38.937	ng	# 73
22) Acetophenone	7.35	105	219879	49.500	ng	# 89
24) Nitrobenzene	7.53	77	169295	49.926	ng	# 94
25) Isophorone	7.76	82	342291	63.101	ng	# 89
26) 2-Nitrophenol	7.85	139	84290	49.827	ng	# 83
27) 2,4-Dimethylphenol	7.87	122	143493	55.698	ng	# 96
28) bis(2-Chloroethoxy)methane	7.96	93	170726	46.484	ng	# 84
29) 2,4-Dichlorophenol	8.09	162	125608	47.383	ng	# 92
30) 1,2,4-Trichlorobenzene	8.17	180	121361	40.605	ng	# 94
31) Naphthalene	8.25	128	461455	51.573	ng	# 94
32) Benzoic acid	7.97	122	13346	7.322	ng	# 1
33) 4-Chloroaniline	8.30	127	33623	8.296	ng	# 28
34) Hexachlorobutadiene	8.36	225	71287	41.758	ng	# 97
35) Caprolactam	8.67	113	30925	34.917	ng	# 1
36) 4-Chloro-3-methylphenol	8.79	107	126769	44.341	ng	# 96
37) 2-Methylnaphthalene	8.97	142	2115502	360.664	ng	# 98
38) 1-Methylnaphthalene	9.07	142	1408906	249.762	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	96998	33.392	ng	# 93

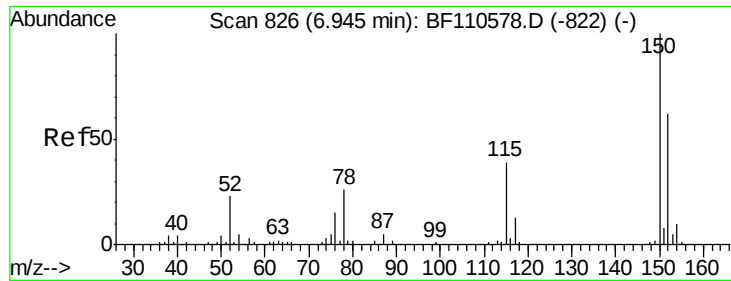
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112318\
 Data File : BF110946.D
 Acq On : 23 Nov 2018 16:13
 Operator : JU/SJ
 Sample : J6003-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 23 20:05:41 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)
41) Hexachlorocyclopentadiene	9.10	237	16152	20.528	ng	100
43) 2,4,6-Trichlorophenol	9.23	196	60366	33.071	ng	96
44) 2,4,5-Trichlorophenol	9.28	196	63872	32.804	ng #	26
46) 1,1'-Biphenyl	9.42	154	295986	34.576	ng	98
47) 2-Chloronaphthalene	9.45	162	208889	33.870	ng #	91
48) 2-Nitroaniline	9.55	65	87069	45.813	ng #	73
49) Acenaphthylene	9.87	152	352870	39.730	ng #	86
50) Dimethylphthalate	9.72	163	186042	27.170	ng #	83
51) 2,6-Dinitrotoluene	9.79	165	52659	34.959	ng #	59
52) Acenaphthene	10.04	154	273143	48.663	ng #	83
53) 3-Nitroaniline	9.96	138	39706	22.753	ng #	80
54) 2,4-Dinitrophenol	10.05	184	1485	7.031	ng #	1
55) Dibenzofuran	10.22	168	326230	39.725	ng #	76
56) 4-Nitrophenol	10.12	139	146643	126.661	ng	79
57) 2,4-Dinitrotoluene	10.22	165	94269	48.133	ng #	89
58) Fluorene	10.56	166	380803	60.370	ng #	90
59) 2,3,4,6-Tetrachlorophenol	10.34	232	42723	27.892	ng #	40
60) Diethylphthalate	10.41	149	218589	32.268	ng	95
61) 4-Chlorophenyl-phenylether	10.54	204	97526	29.861	ng #	81
62) 4-Nitroaniline	10.58	138	48114	27.379	ng	94
63) Azobenzene	10.70	77	231278	34.993	ng #	72
65) 4,6-Dinitro-2-methylphenol	10.63	198	18603	28.333	ng #	1
66) n-Nitrosodiphenylamine	10.66	169	618056	140.747	ng #	74
67) 4-Bromophenyl-phenylether	11.03	248	54924	38.146	ng #	76
68) Hexachlorobenzene	11.13	284	57450	37.845	ng #	84
69) Atrazine	11.17	200	74382	55.398	ng	94
70) Pentachlorophenol	11.31	266	43886	54.179	ng	95
71) Phenanthrene	11.52	178	790408	113.244	ng	98
72) Anthracene	11.52	178	789635	112.151	ng	98
73) Carbazole	11.73	167	289792	42.857	ng	94
74) Di-n-butylphthalate	12.03	149	330069	41.626	ng	97
75) Fluoranthene	12.71	202	367408	52.505	ng	98
77) Benzidine	12.82	184	71612	19.202	ng #	97
78) Pyrene	12.94	202	393023	37.638	ng	96
80) Butylbenzylphthalate	13.52	149	165009	36.714	ng	100
81) Benzo(a)anthracene	14.12	228	351925	43.416	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	22459	8.271	ng	100
83) Chrysene	14.16	228	328406	42.525	ng	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	234954	42.141	ng	97
85) Di-n-octyl phthalate	14.69	149	414657	50.575	ng #	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	339835	61.324	ng	98
88) Benzo(b)fluoranthene	15.20	252	355743	43.551	ng	99
89) Benzo(k)fluoranthene	15.23	252	302549	37.484	ng	98
90) Benzo(a)pyrene	15.60	252	328563	44.271	ng	97
91) Dibenzo(a,h)anthracene	17.25	278	283536	45.145	ng	99
92) Benzo(g,h,i)perylene	17.73	276	267454	42.920	ng	99

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

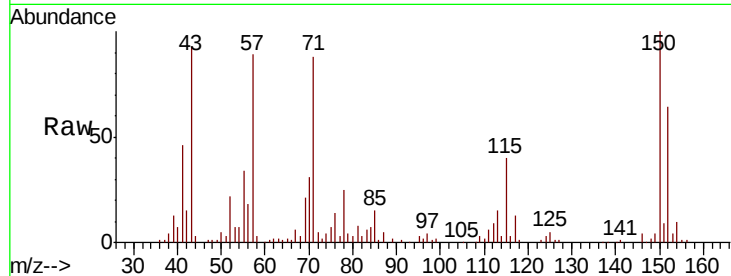


#1

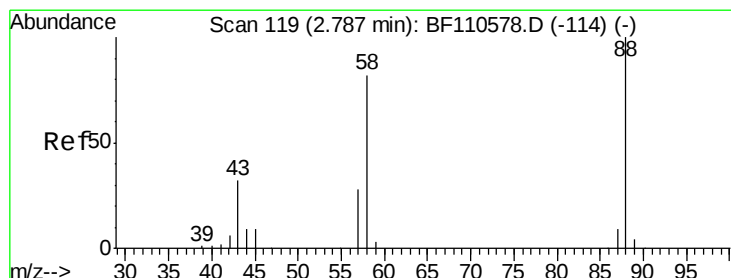
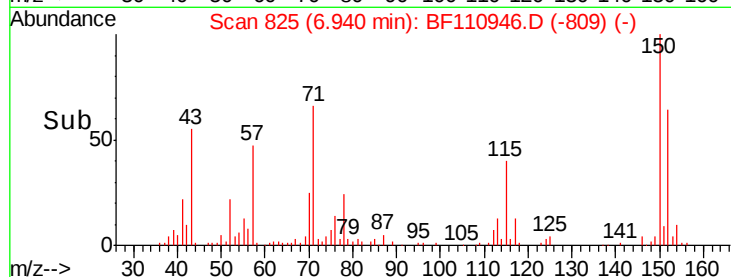
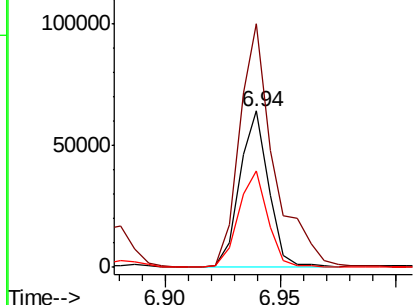
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

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

Tgt Ion:152 Resp: 56062
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 61.8 49.1 73.7



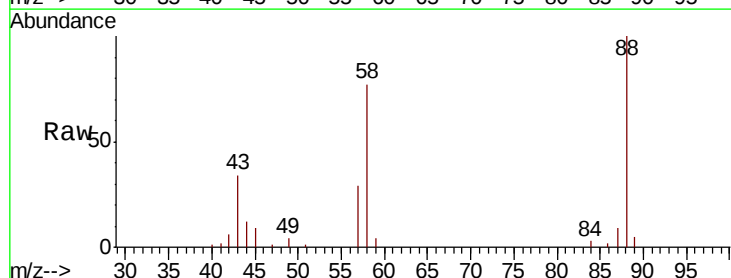
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



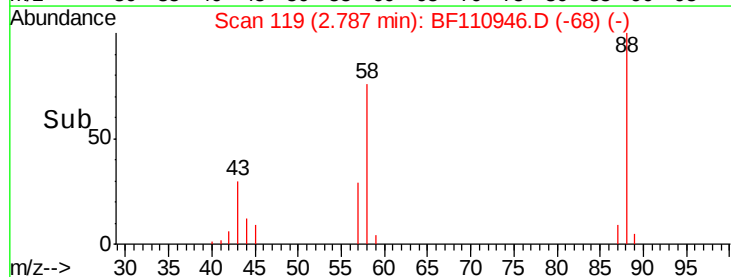
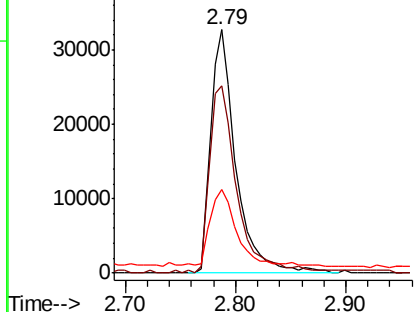
#2

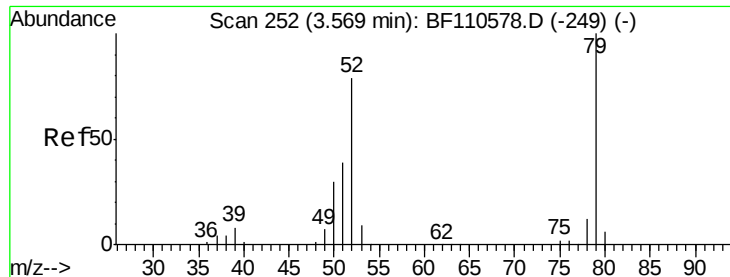
1,4-Dioxane
Concen: 29.578 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion: 88 Resp: 50865
Ion Ratio Lower Upper
88 100
58 85.9 57.1 85.7#
43 35.0 24.1 36.1



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: 36.109 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

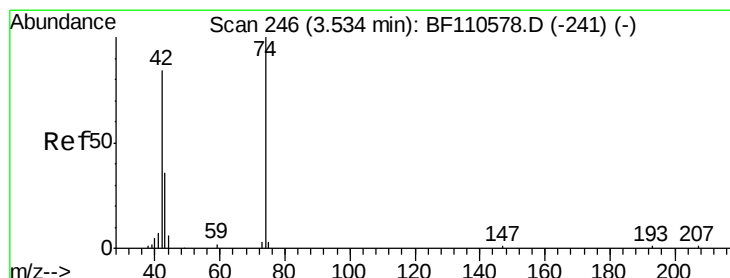
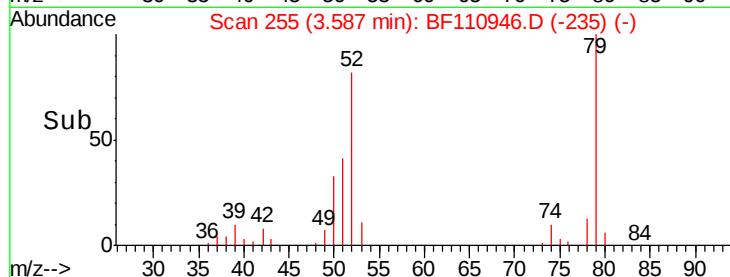
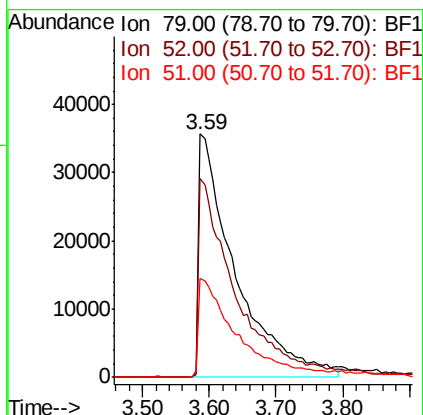
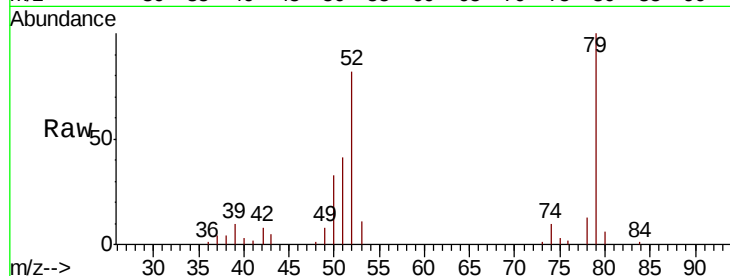
Tgt Ion: 79 Resp: 134034

Ion Ratio Lower Upper

79 100

52 81.6 53.1 79.7#

51 40.8 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 47.476 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

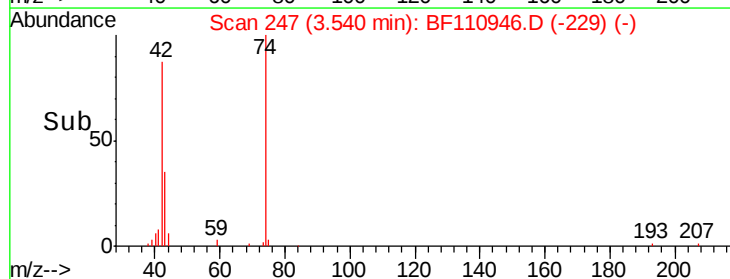
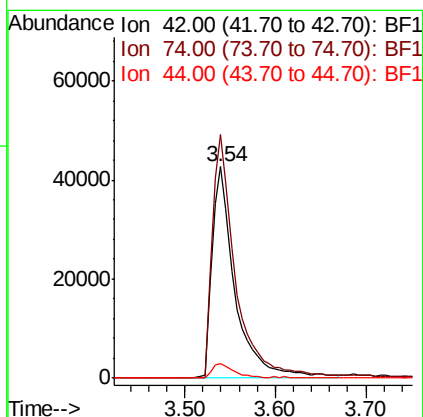
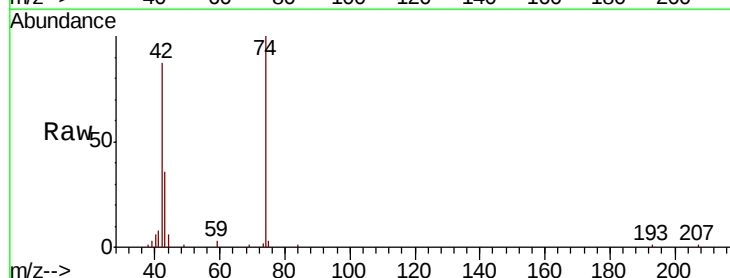
Tgt Ion: 42 Resp: 75616

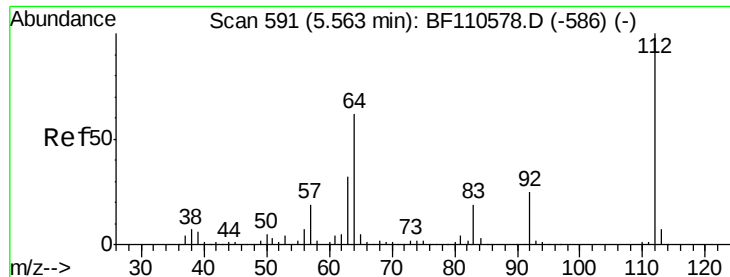
Ion Ratio Lower Upper

42 100

74 115.1 105.5 158.3

44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 134.649 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

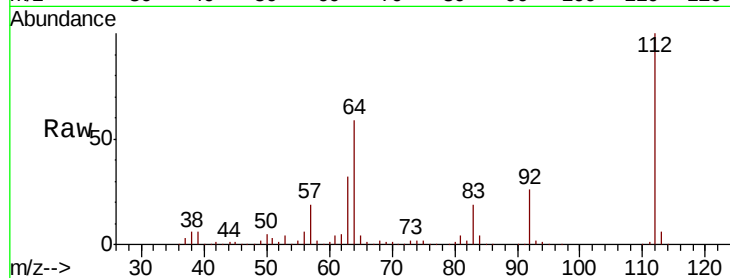
Tgt Ion:112 Resp: 464730

Ion Ratio Lower Upper

112 100

64 59.0 44.1 66.1

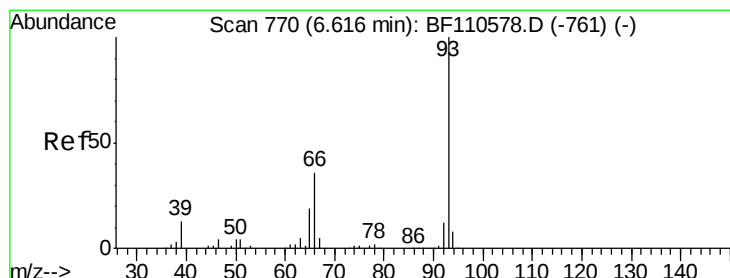
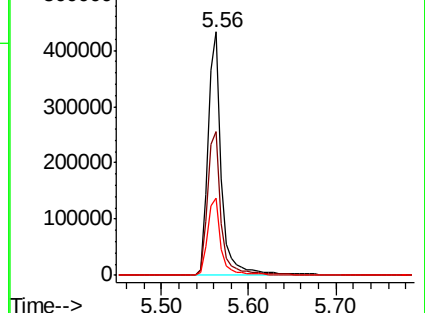
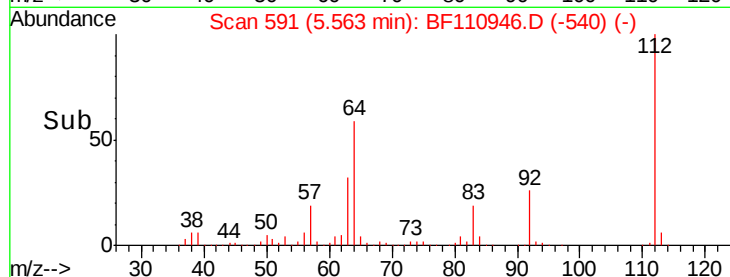
63 31.7 23.7 35.5



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



#6

Aniline

Concen: 6.311 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

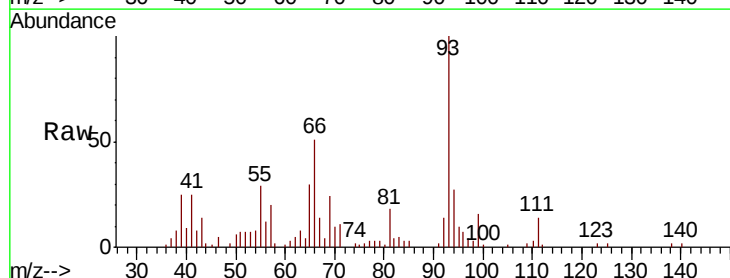
Tgt Ion: 93 Resp: 36324

Ion Ratio Lower Upper

93 100

66 50.9 67.4 101.0#

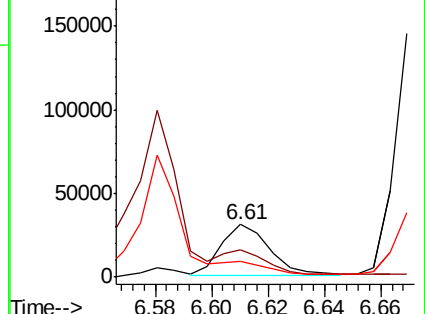
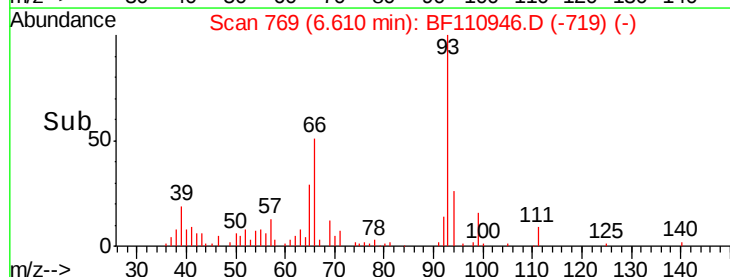
65 29.6 41.0 61.4#

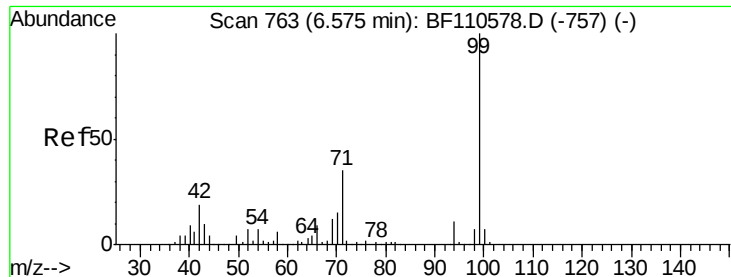


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.057 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

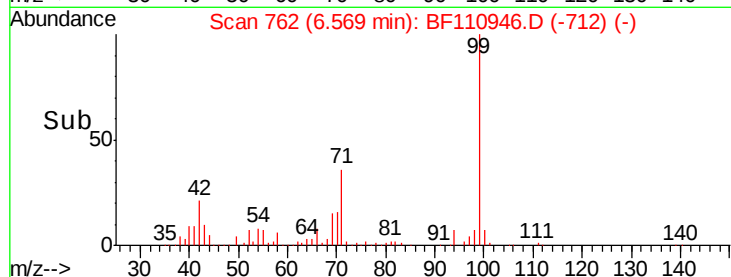
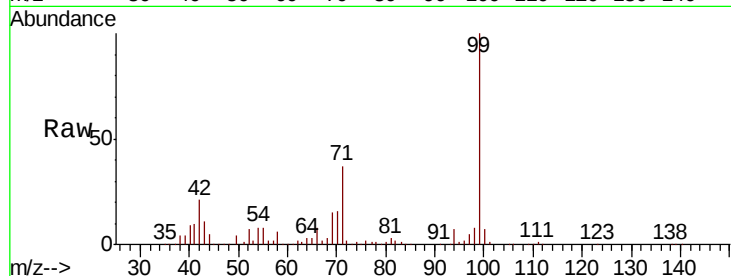
Tgt Ion: 99 Resp: 578426

Ion Ratio Lower Upper

99 100

42 20.9 15.8 23.6

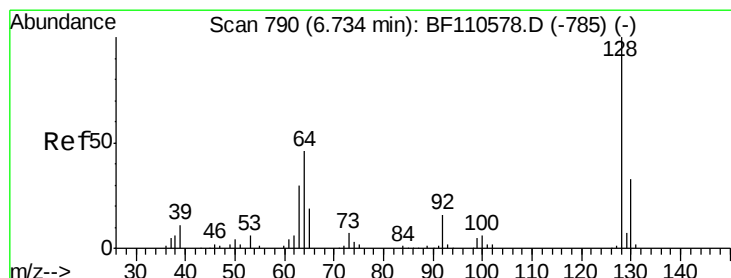
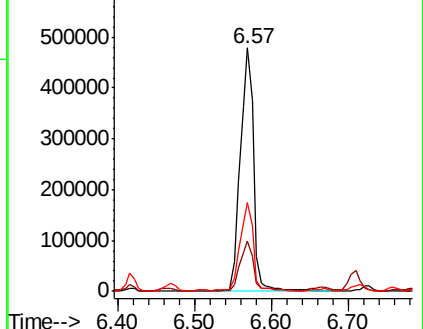
71 36.7 28.0 42.0



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



#8

2-Chlorophenol

Concen: 40.730 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

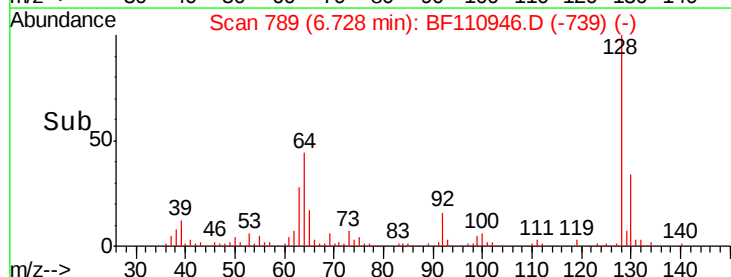
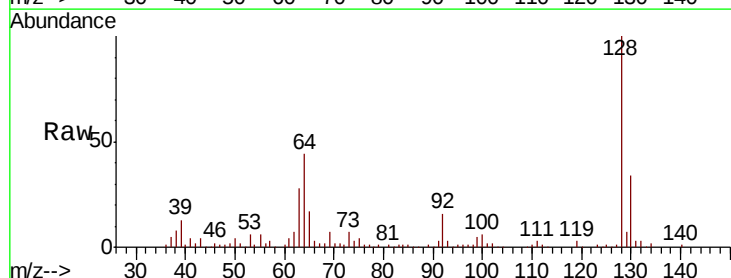
Tgt Ion: 128 Resp: 164797

Ion Ratio Lower Upper

128 100

130 33.6 13.1 53.1

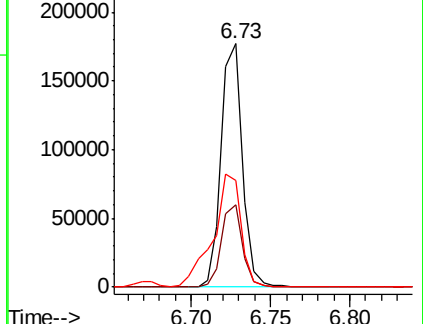
64 43.9 26.0 66.0

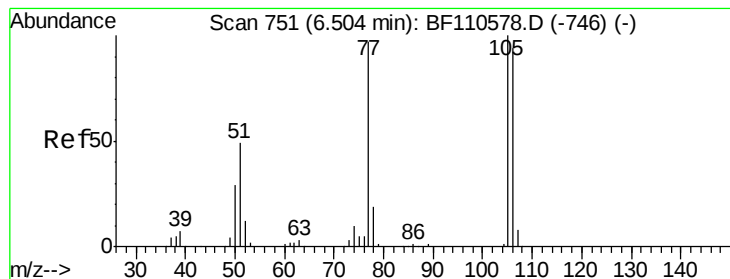


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.455 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

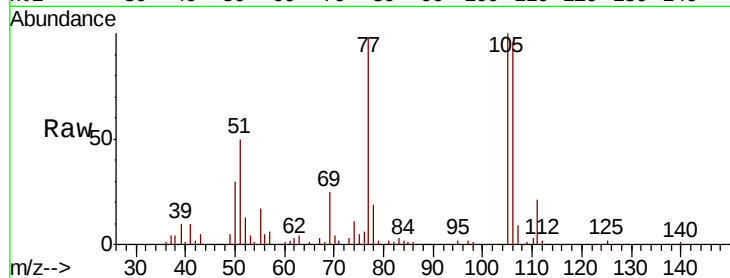
Tgt Ion: 77 Resp: 70747

Ion Ratio Lower Upper

77 100

105 102.5 78.6 118.6

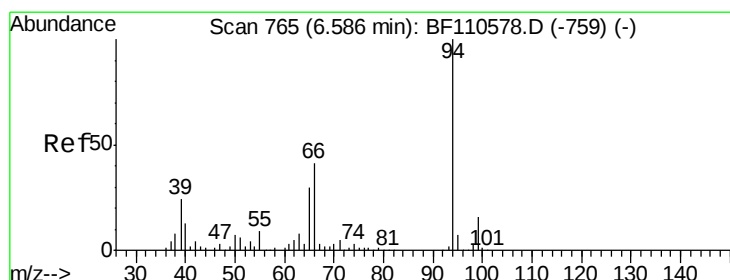
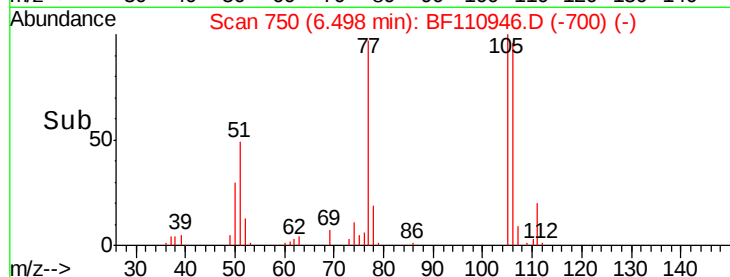
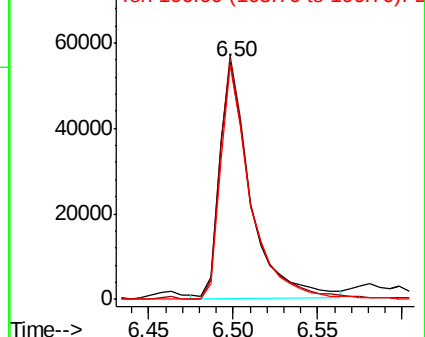
106 98.8 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.592 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

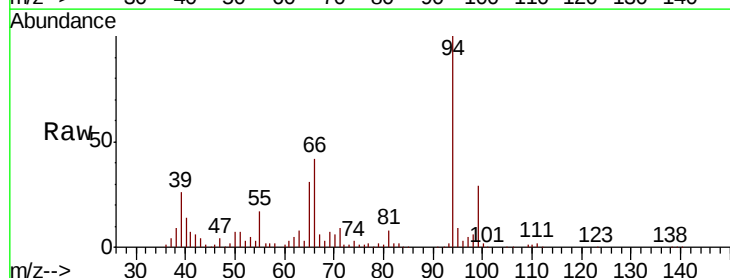
Tgt Ion: 94 Resp: 223088

Ion Ratio Lower Upper

94 100

65 30.9 25.3 65.3

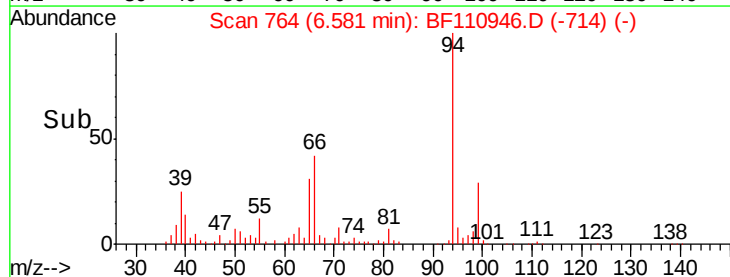
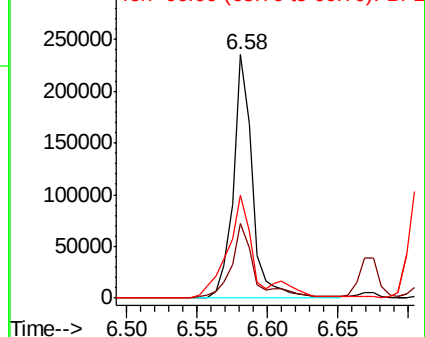
66 42.4 54.5 94.5#

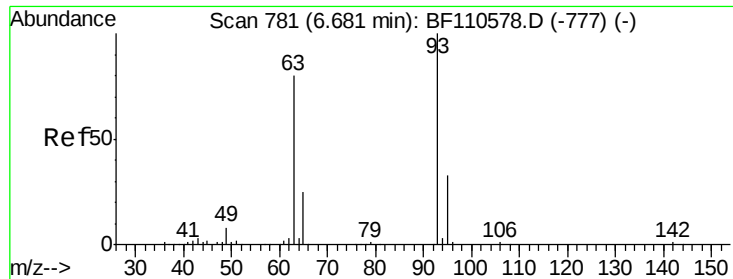


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



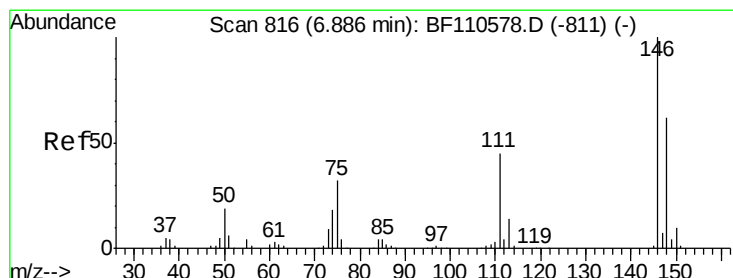
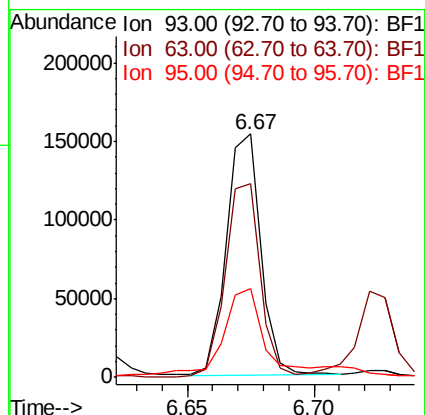
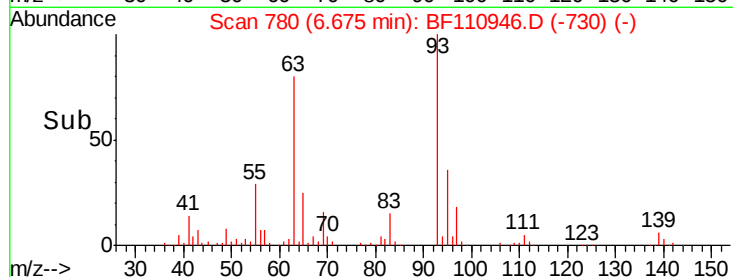
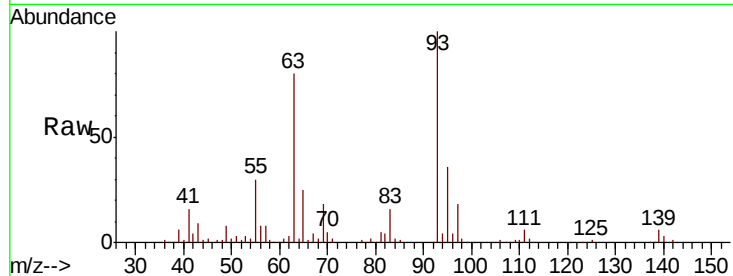


#11
bis(2-Chloroethyl)ether
Concen: 37.634 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

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

Tgt Ion: 93 Resp: 144340

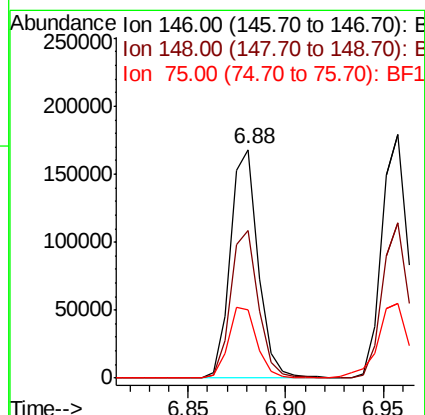
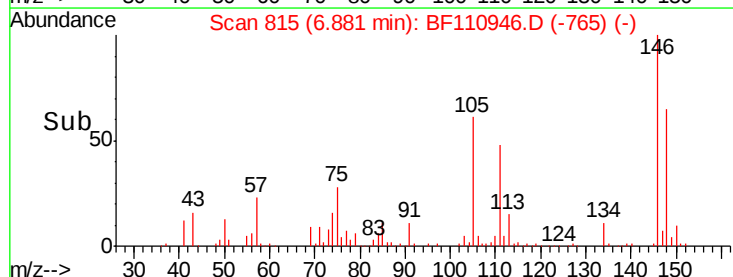
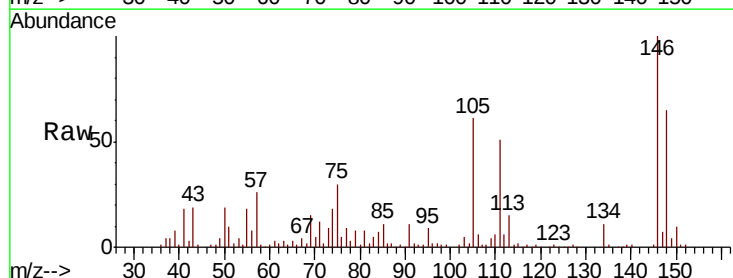
Ion	Ratio	Lower	Upper
93	100		
63	79.8	53.4	93.4
95	36.2	12.1	52.1

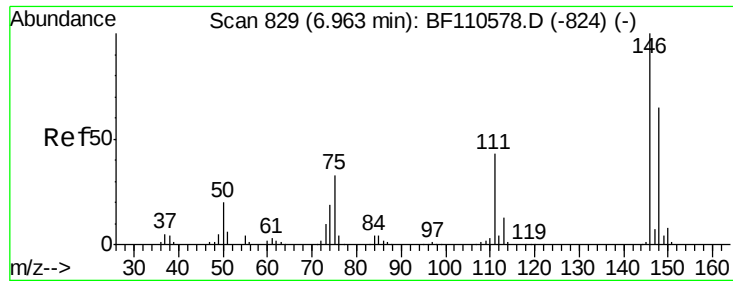


#12
1,3-Dichlorobenzene
Concen: 37.654 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion: 146 Resp: 166693

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
75	29.7	25.8	38.6

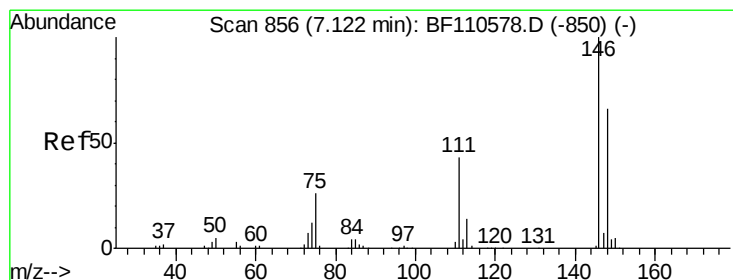
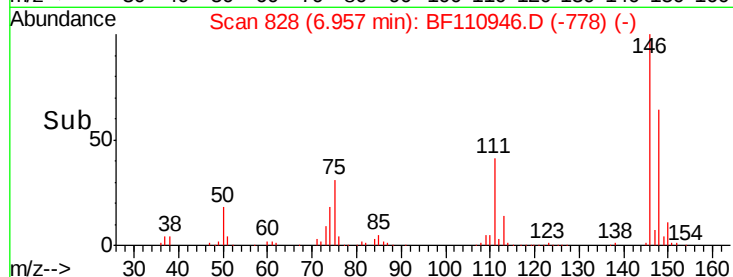
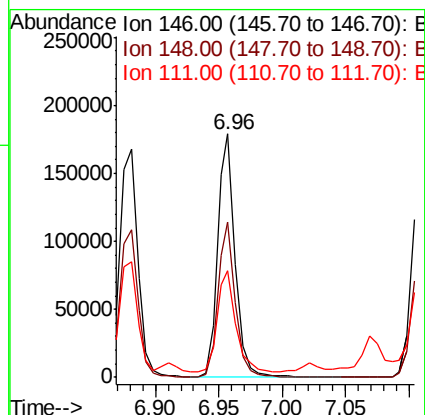
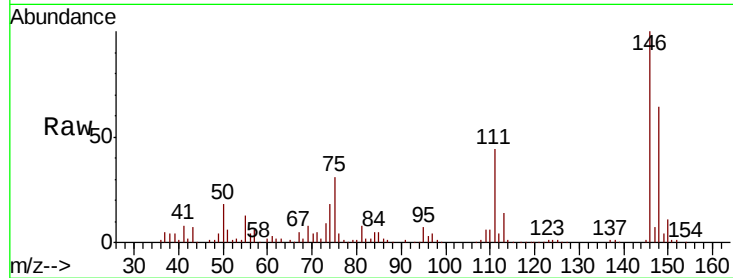




#13
 1,4-Dichlorobenzene
 Concen: 38.821 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

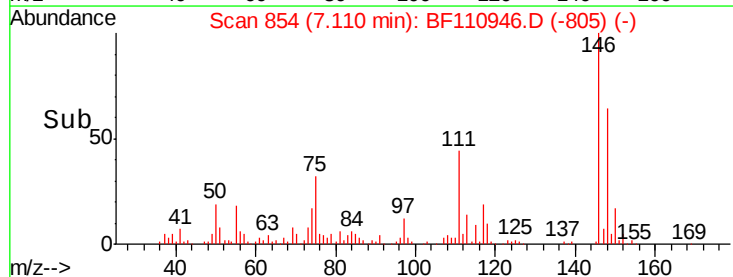
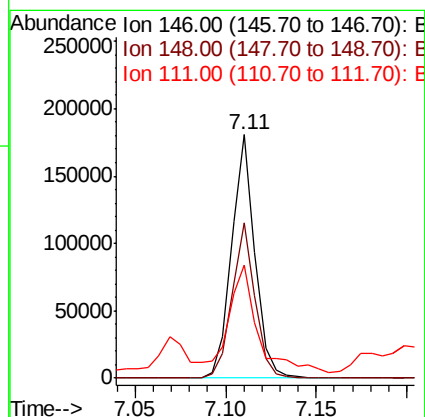
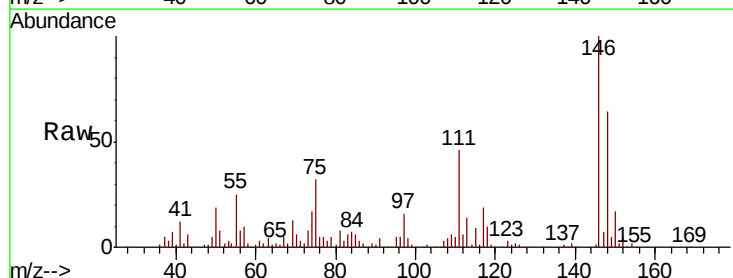
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

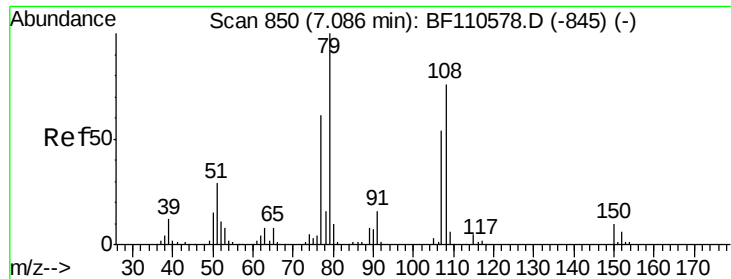
Tgt Ion:146 Resp: 174521
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.3 75.5
 111 43.8 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 38.603 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:146 Resp: 161437
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 46.2 35.8 53.6





#15

Benzyl Alcohol

Concen: 41.234 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

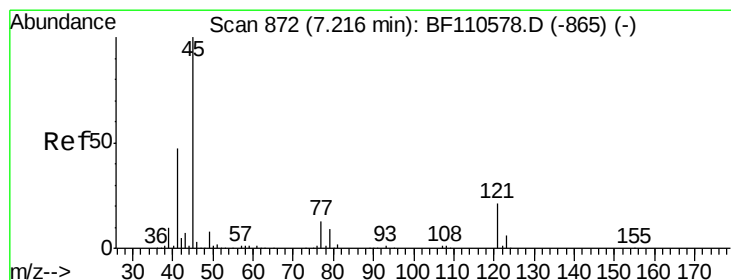
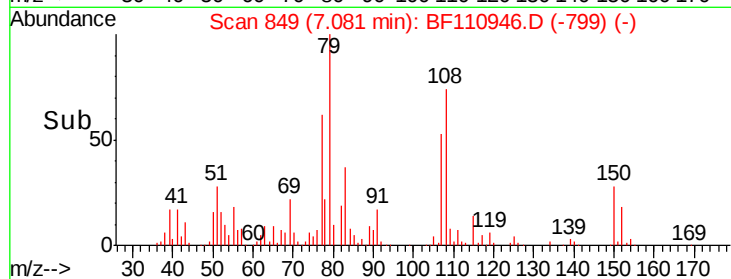
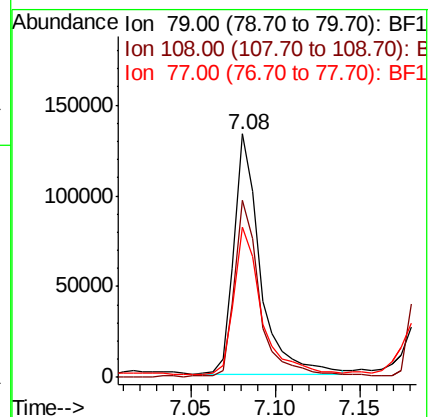
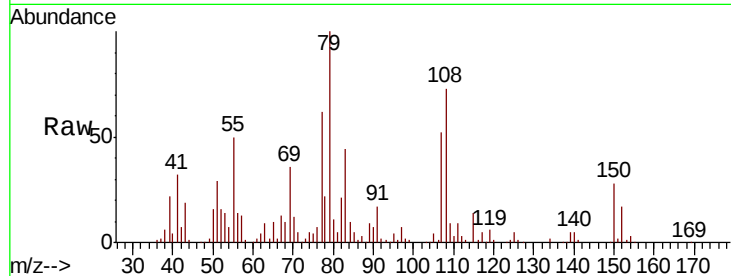
Tgt Ion: 79 Resp: 142418

Ion Ratio Lower Upper

79 100

108 72.6 56.3 84.5

77 61.8 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.829 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

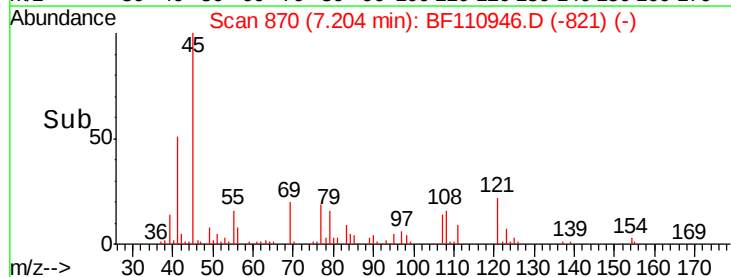
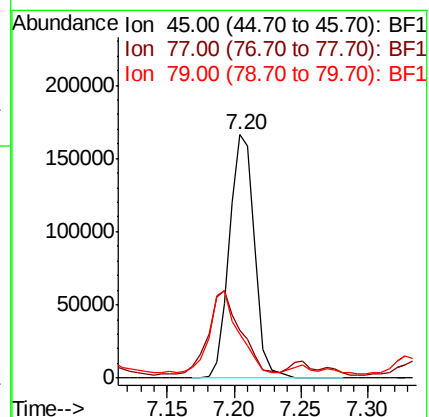
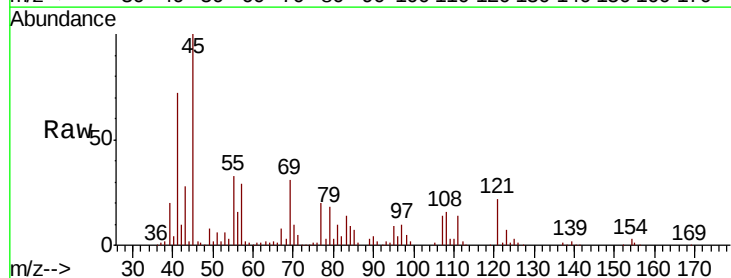
Tgt Ion: 45 Resp: 221825

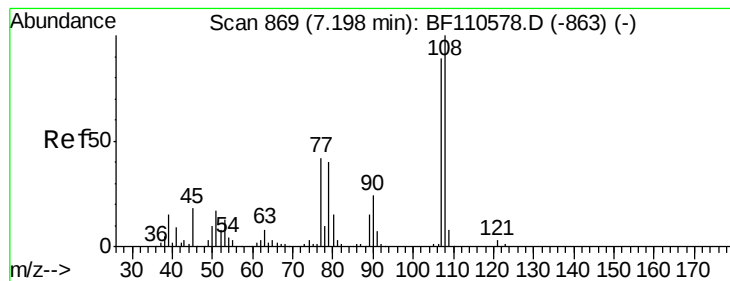
Ion Ratio Lower Upper

45 100

77 19.9 10.0 50.0

79 17.9 6.1 46.1





#17

2-Methylphenol

Concen: 38.664 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:107 Resp: 124500

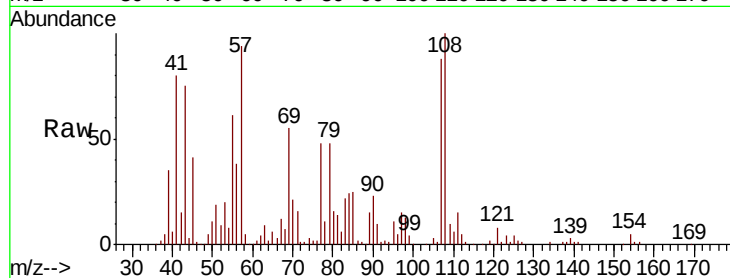
Ion Ratio Lower Upper

107 100

108 113.4 92.6 138.8

77 54.7 59.4 89.2#

79 54.6 54.0 81.0

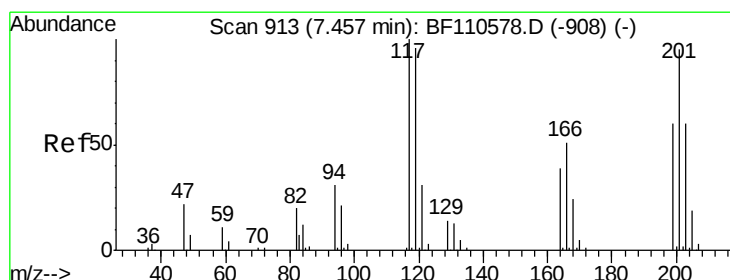
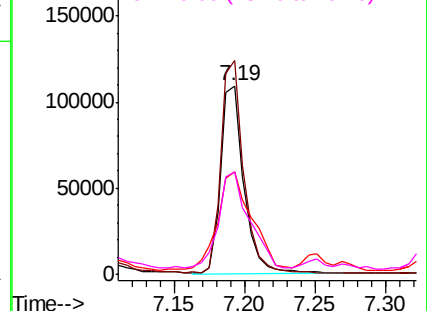
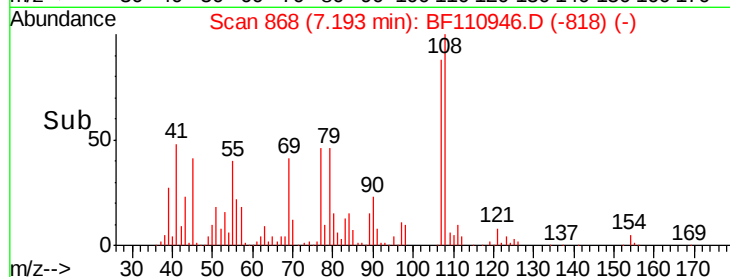


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.422 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

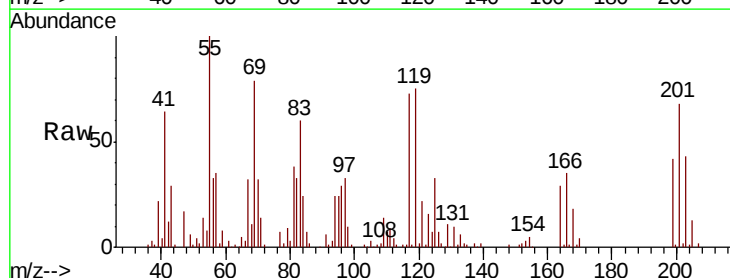
Tgt Ion:117 Resp: 63767

Ion Ratio Lower Upper

117 100

119 101.9 75.0 112.6

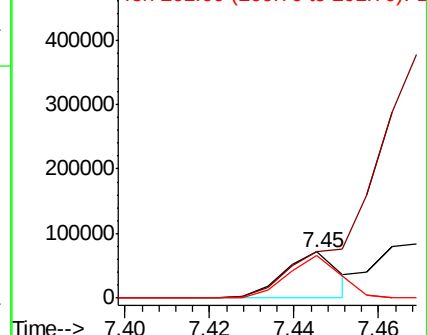
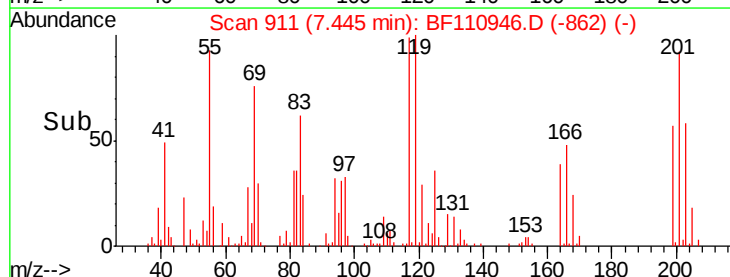
201 92.4 79.2 118.8

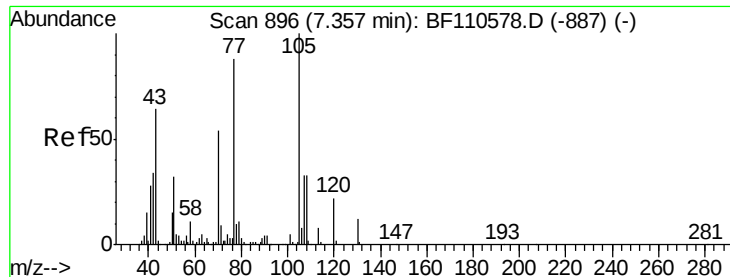


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

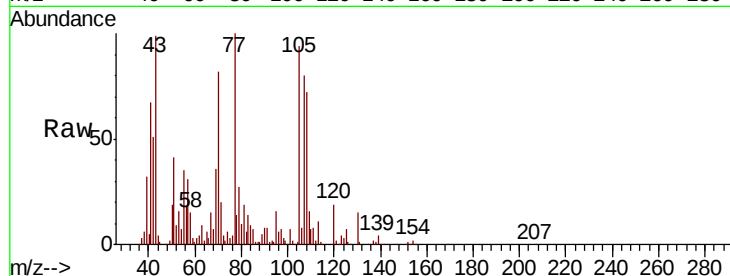




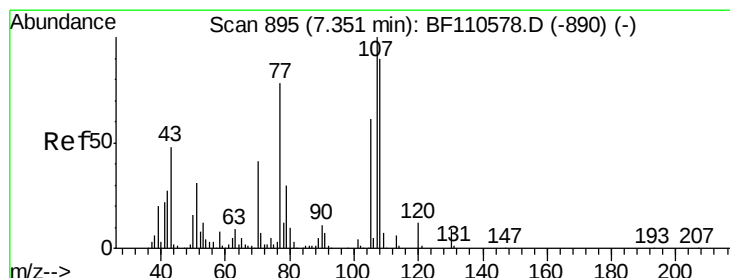
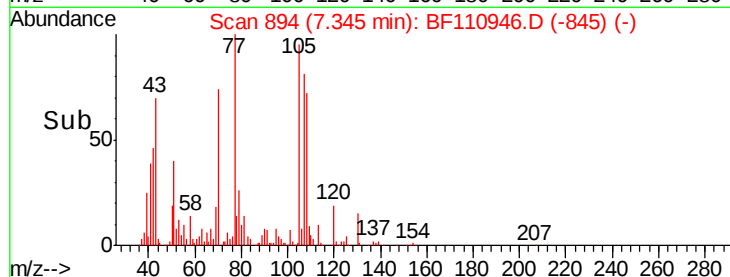
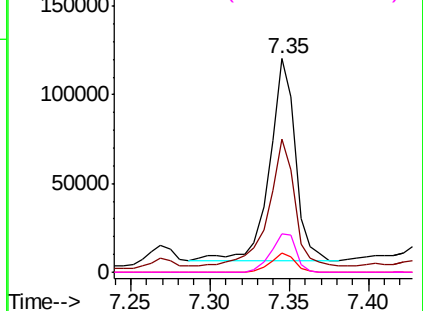
#19
n-Nitroso-di-n-propylamine
Concen: 46.121 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

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

Tgt Ion:	70	Resp:	129936
Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.4	71.2
101	8.9	7.3	10.9
130	18.3	16.2	24.2

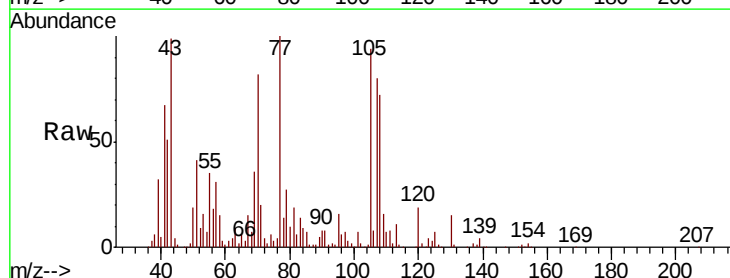


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

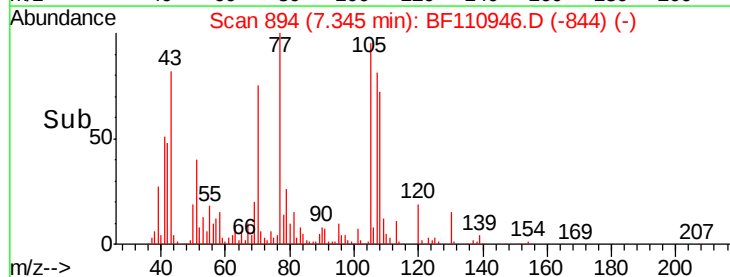
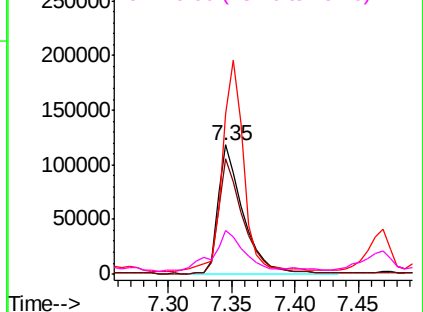


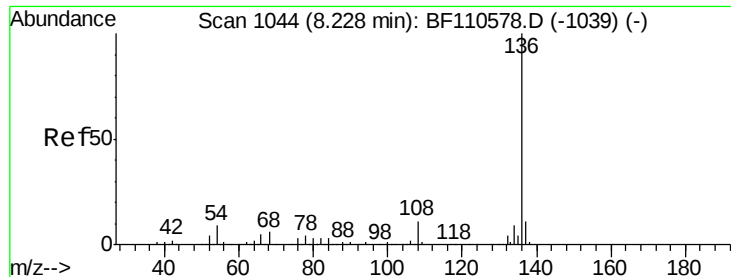
#20
3+4-Methylphenols
Concen: 38.937 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:	107	Resp:	160951
Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	124.4	47.3	87.3#
79	33.5	10.9	50.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

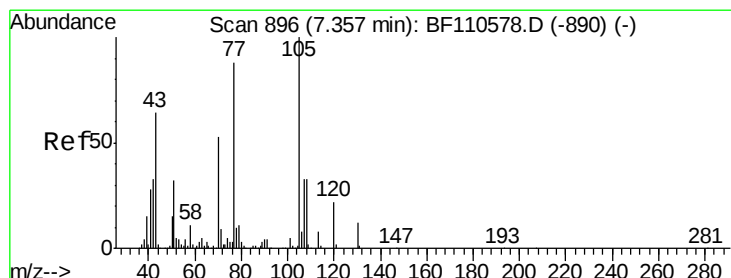
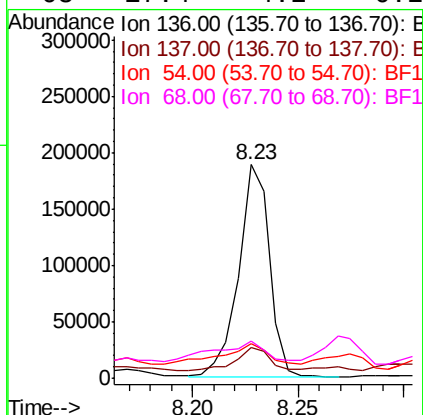
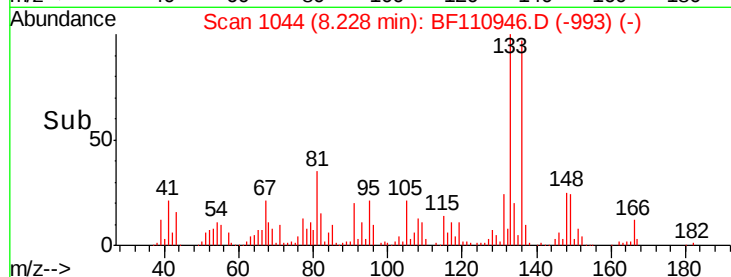
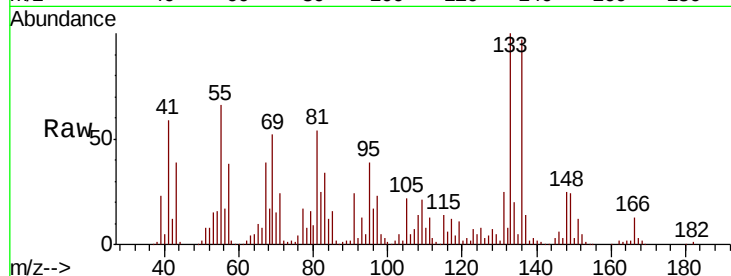




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

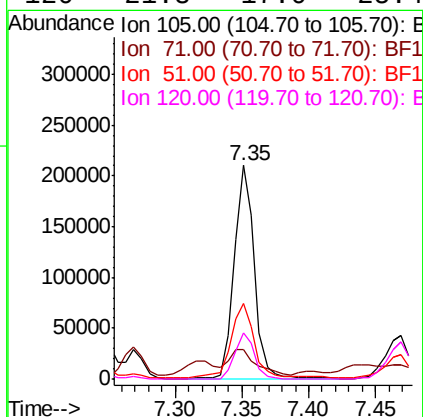
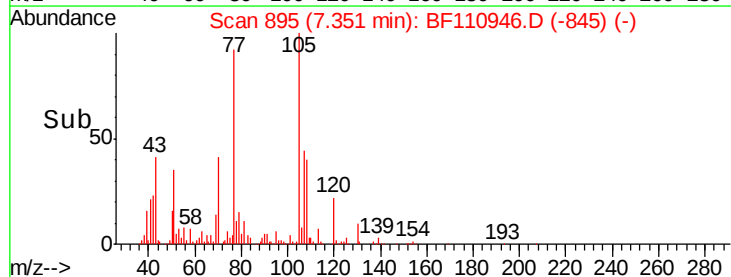
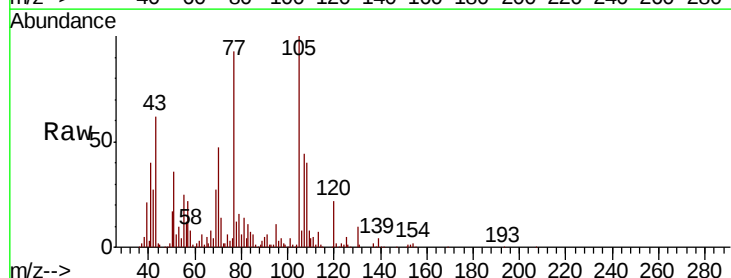
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

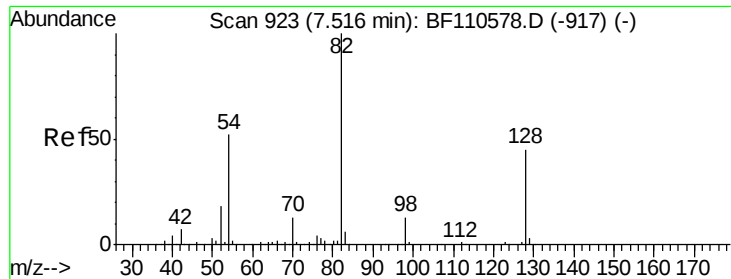
Tgt Ion:	136	Resp:	190599
Ion	Ratio	Lower	Upper
136	100		
137	14.5	8.8	13.2#
54	16.0	5.4	8.2#
68	17.4	4.2	6.2#



#22
Acetophenone
Concen: 49.500 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:	105	Resp:	219879
Ion	Ratio	Lower	Upper
105	100		
71	13.6	5.2	7.8#
51	35.6	21.8	32.8#
120	21.8	17.0	25.4

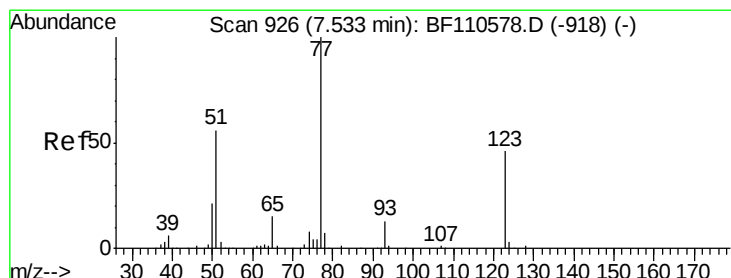
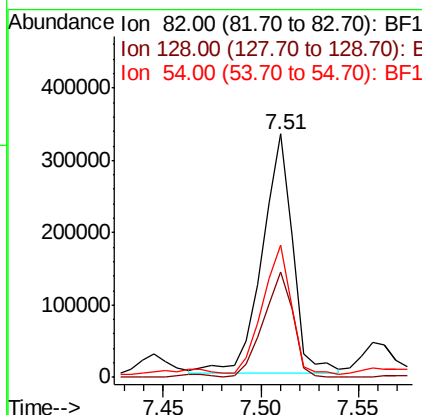
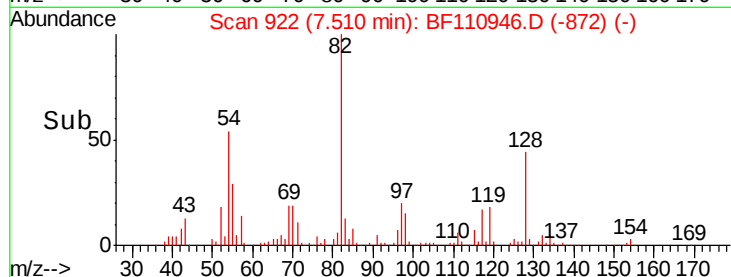
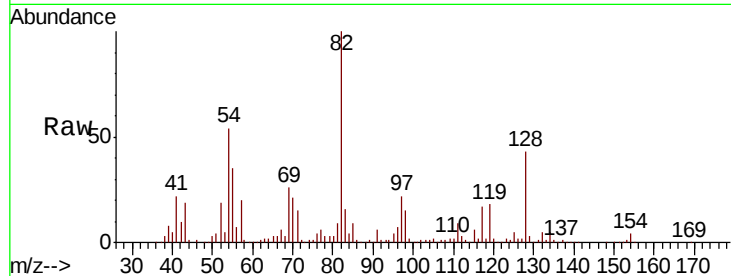




#23
 Nitrobenzene-d5
 Concen: 108.874 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

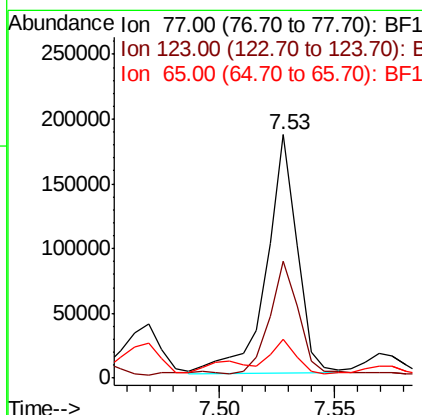
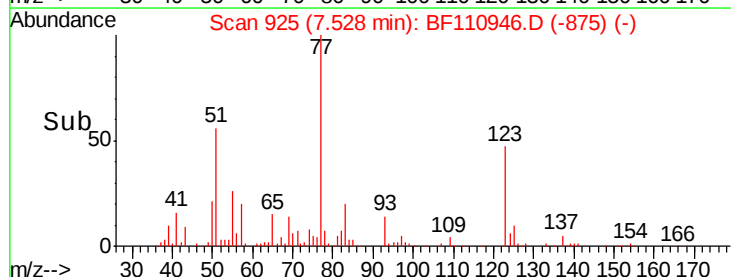
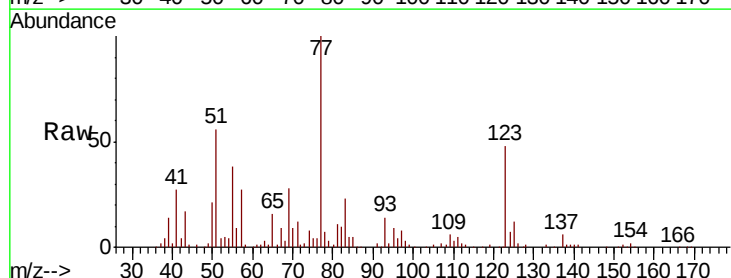
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

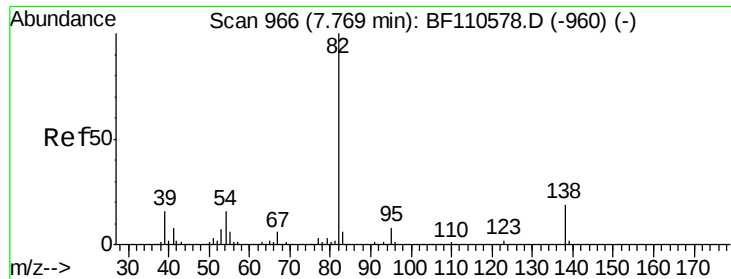
Tgt Ion: 82 Resp: 360330
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.2 51.2
 54 54.2 38.6 58.0



#24
 Nitrobenzene
 Concen: 49.926 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion: 77 Resp: 169295
 Ion Ratio Lower Upper
 77 100
 123 48.2 35.7 53.5
 65 15.8 10.7 16.1

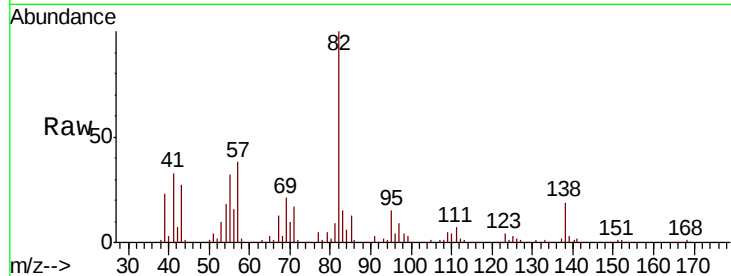




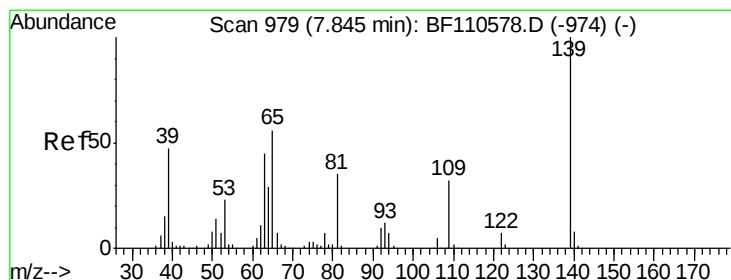
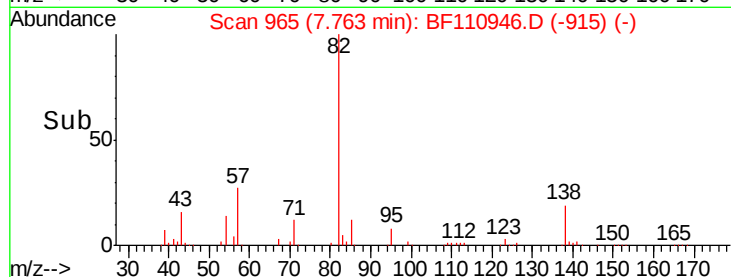
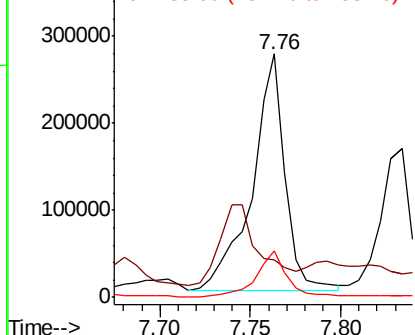
#25
Isophorone
Concen: 63.101 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

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

Tgt Ion: 82 Resp: 342291
Ion Ratio Lower Upper
82 100
95 15.4 5.7 8.5#
138 19.1 13.2 19.8

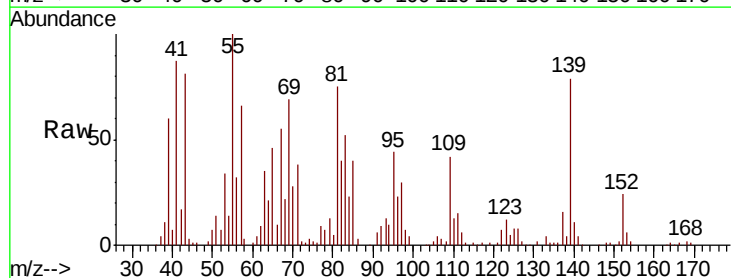


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

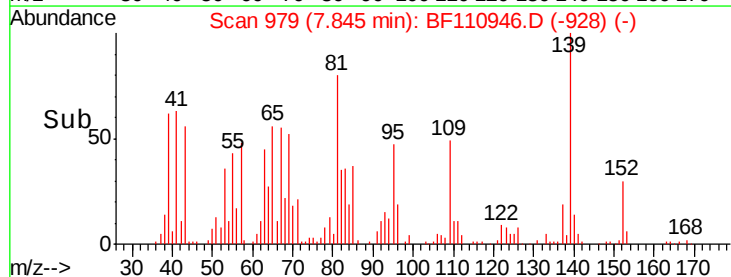
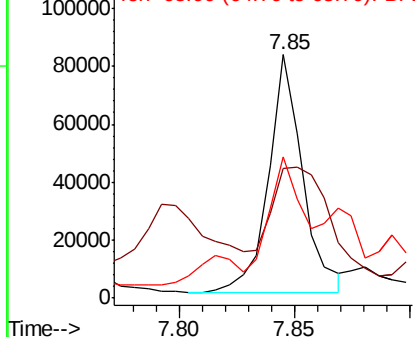


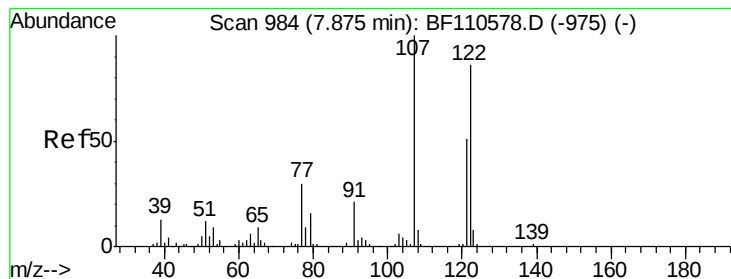
#26
2-Nitrophenol
Concen: 49.827 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion: 139 Resp: 84290
Ion Ratio Lower Upper
139 100
109 53.5 25.0 37.6#
65 58.1 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 55.698 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

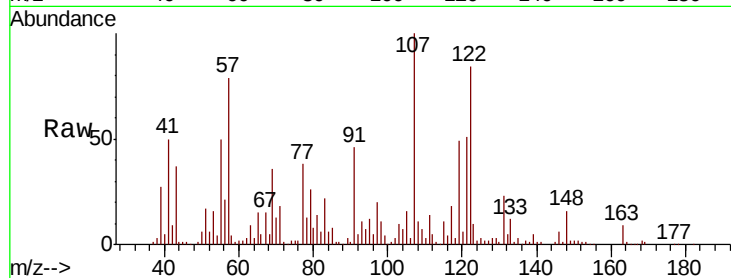
Tgt Ion:122 Resp: 143493

Ion Ratio Lower Upper

122 100

107 119.3 92.5 138.7

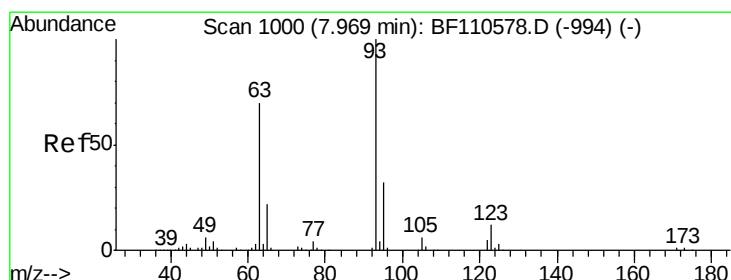
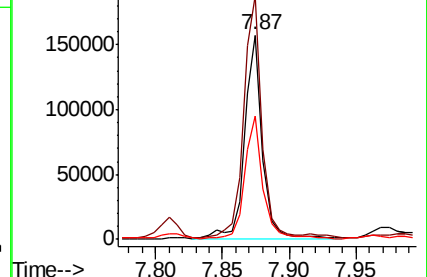
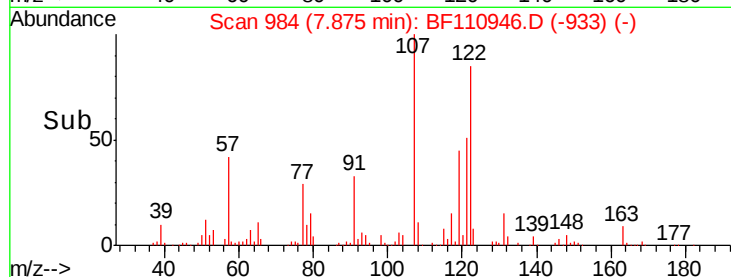
121 60.7 45.8 68.8



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



#28

bis(2-Chloroethoxy)methane

Concen: 46.484 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

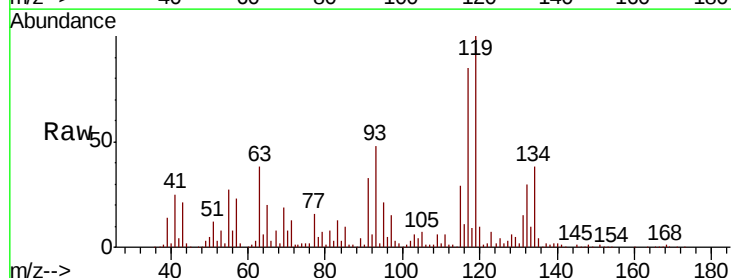
Tgt Ion: 93 Resp: 170726

Ion Ratio Lower Upper

93 100

95 43.2 26.4 39.6#

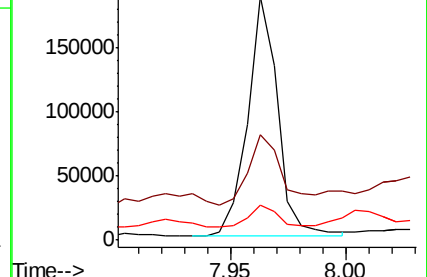
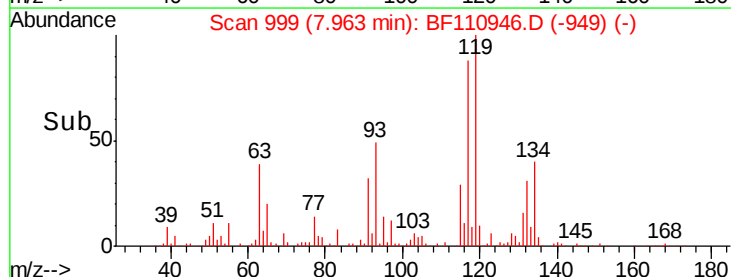
123 14.5 9.0 13.6#

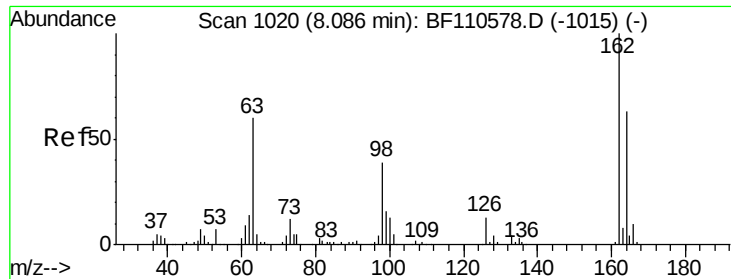


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

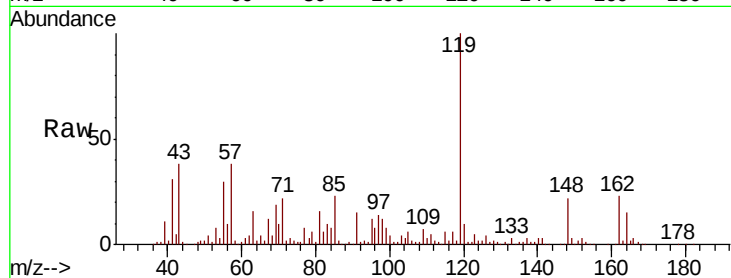




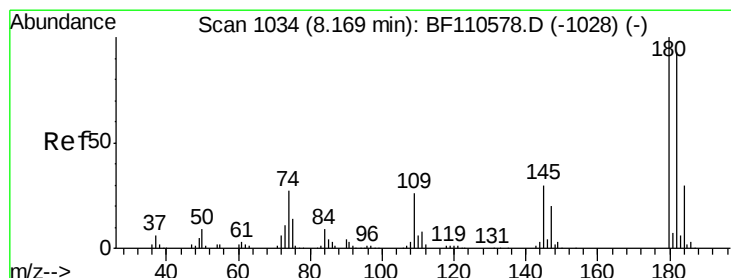
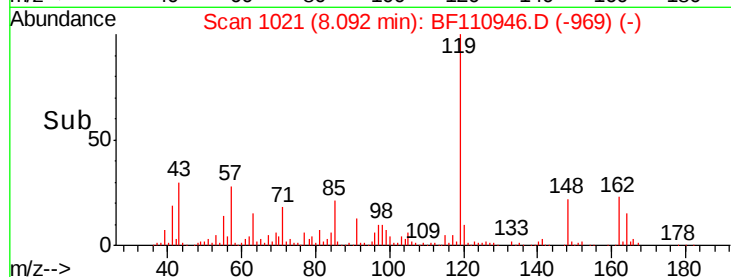
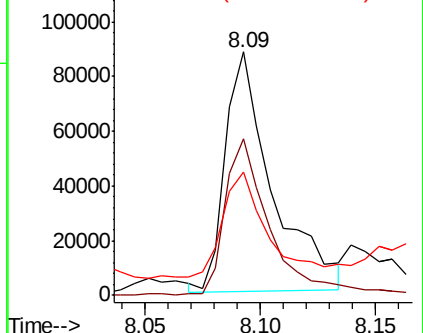
#29
 2,4-Dichlorophenol
 Concen: 47.383 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

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

Tgt Ion:162 Resp: 125608
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.6 84.6
 98 50.7 17.4 57.4

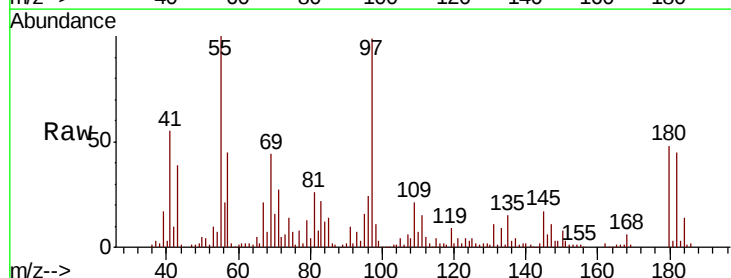


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

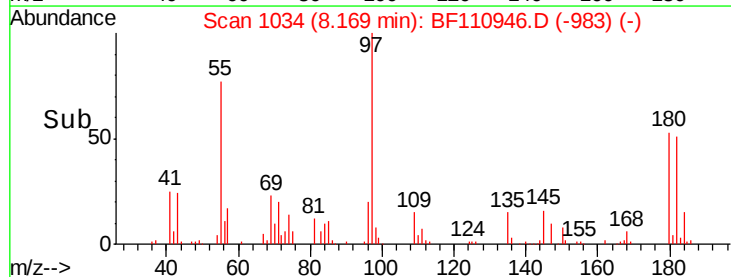
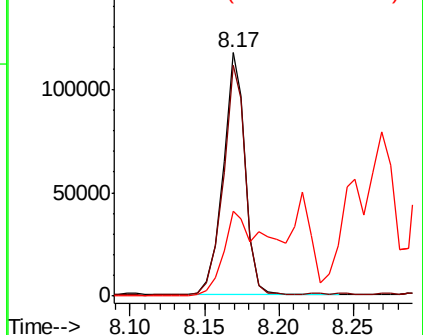


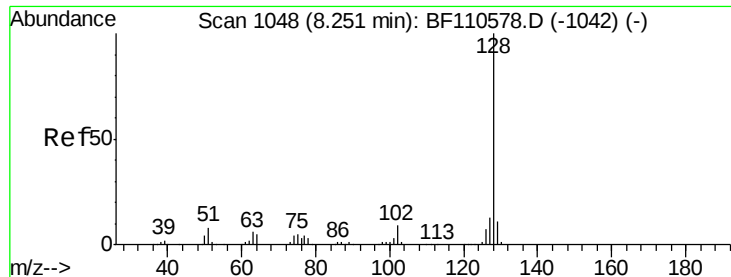
#30
 1,2,4-Trichlorobenzene
 Concen: 40.605 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:180 Resp: 121361
 Ion Ratio Lower Upper
 180 100
 182 94.8 80.3 120.5
 145 35.1 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

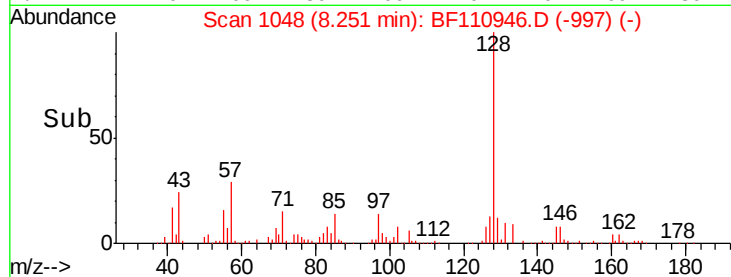
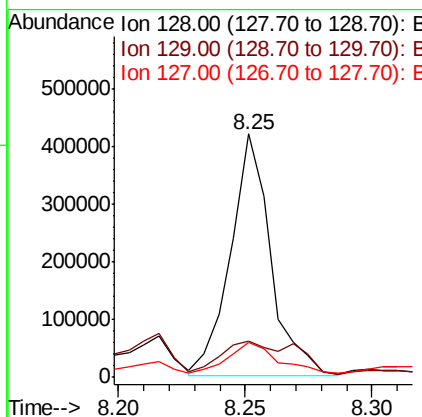
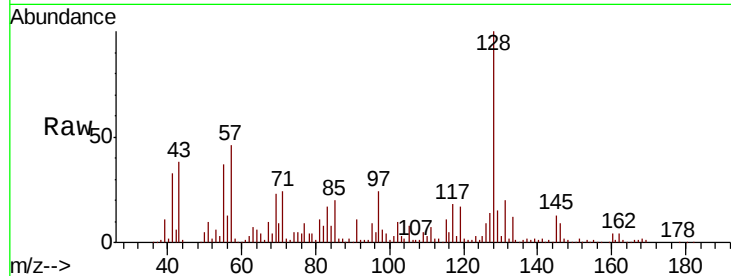




#31
Naphthalene
Concen: 51.573 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

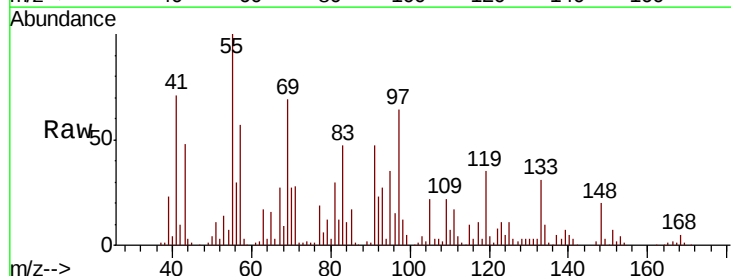
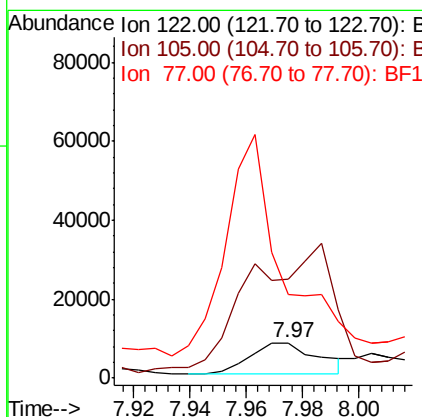
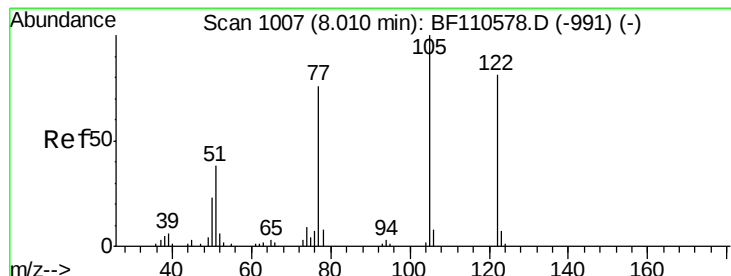
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

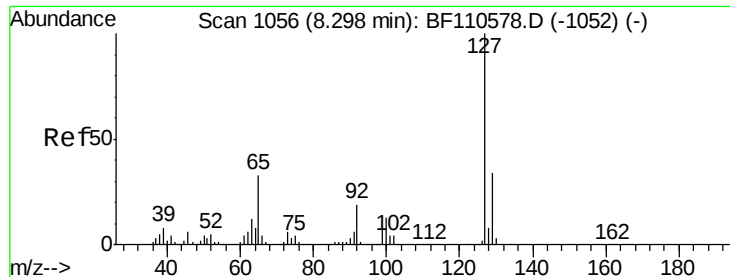
Tgt Ion:128 Resp: 461455
Ion Ratio Lower Upper
128 100
129 15.0 8.8 13.2#
127 14.4 10.8 16.2



#32
Benzoic acid
Concen: 7.322 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:122 Resp: 13346
Ion Ratio Lower Upper
122 100
105 277.9 109.0 149.0#
77 235.8 79.0 119.0#

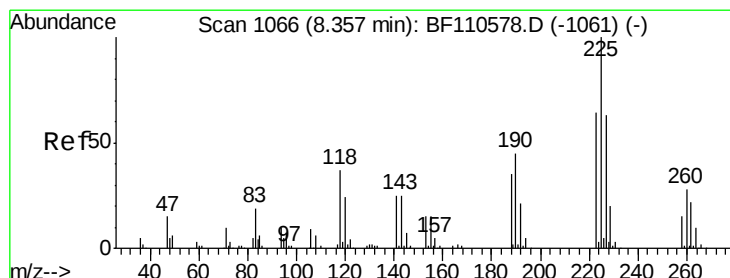
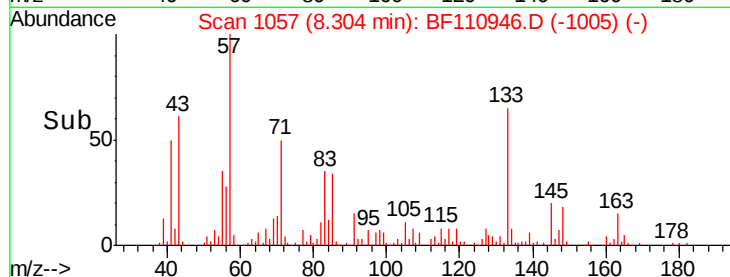
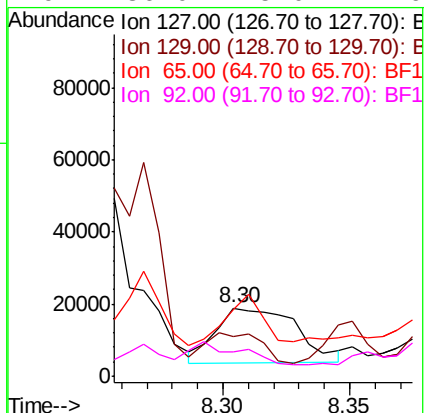
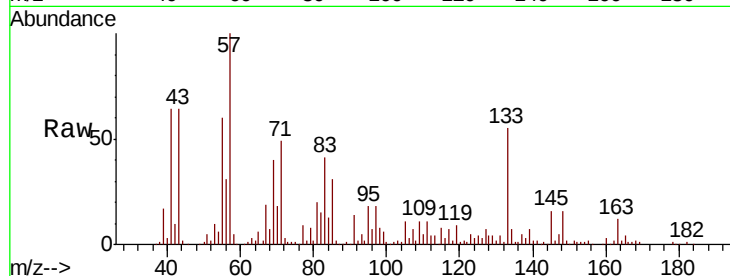




#33
4-Chloroaniline
Concen: 8.296 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

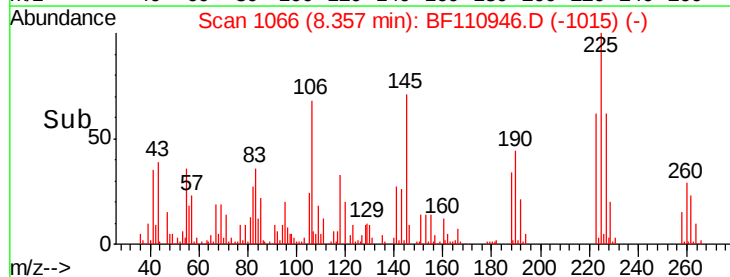
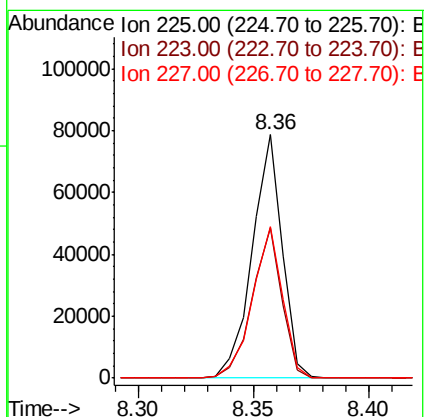
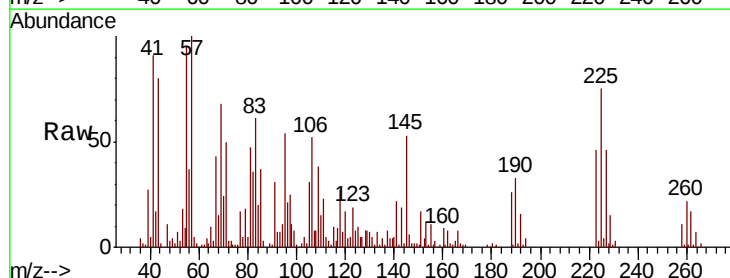
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

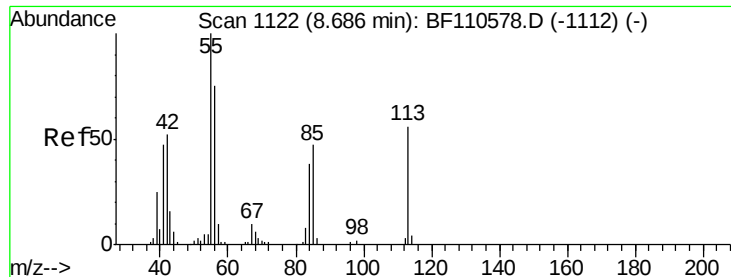
Tgt Ion:127 Resp: 33623
Ion Ratio Lower Upper
127 100
129 57.7 26.0 39.0#
65 97.6 25.1 37.7#
92 36.0 15.0 22.6#



#34
Hexachlorobutadiene
Concen: 41.758 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:225 Resp: 71287
Ion Ratio Lower Upper
225 100
223 61.8 51.4 77.2
227 62.3 51.0 76.6

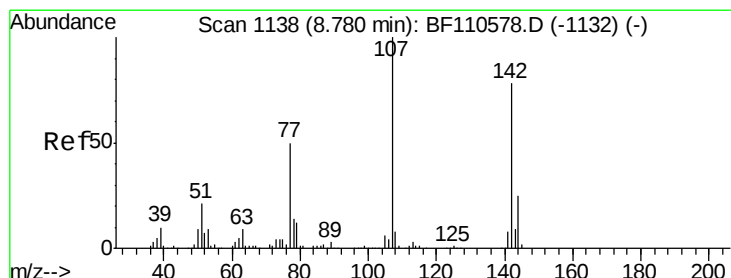
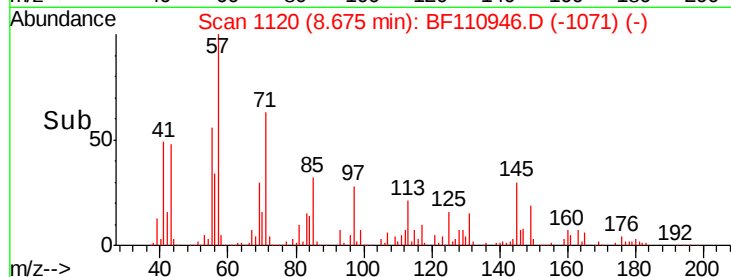
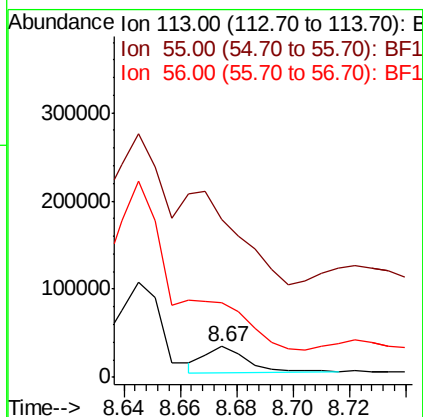
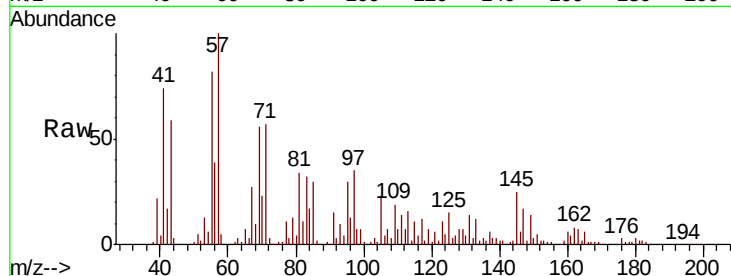




#35
 Caprolactam
 Concen: 34.917 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

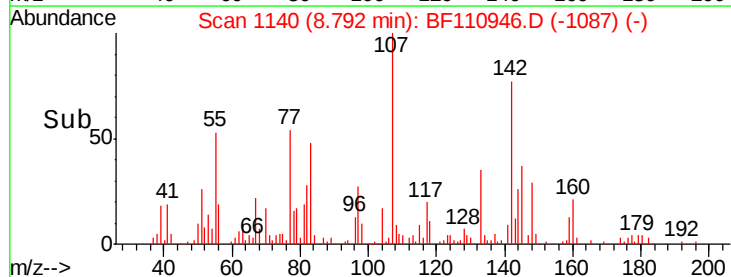
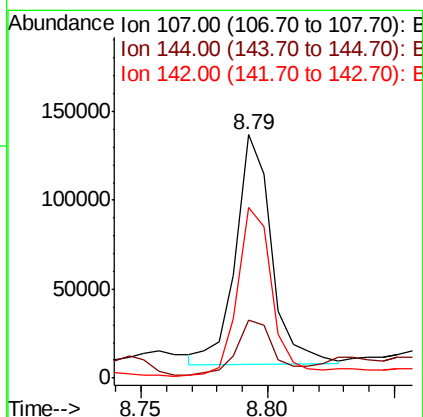
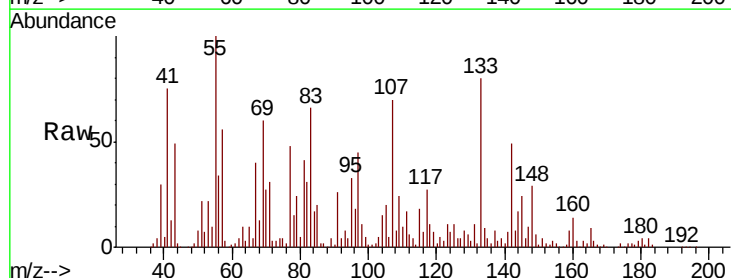
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

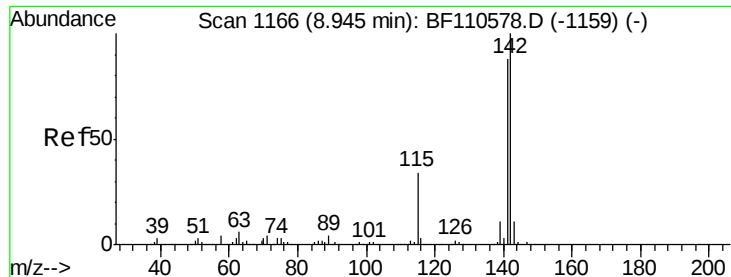
Tgt Ion:113 Resp: 30925
 Ion Ratio Lower Upper
 113 100
 55 517.3 142.8 182.8#
 56 244.3 105.0 145.0#



#36
 4-Chloro-3-methylphenol
 Concen: 44.341 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:107 Resp: 126769
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.0 30.0
 142 70.2 59.7 89.5

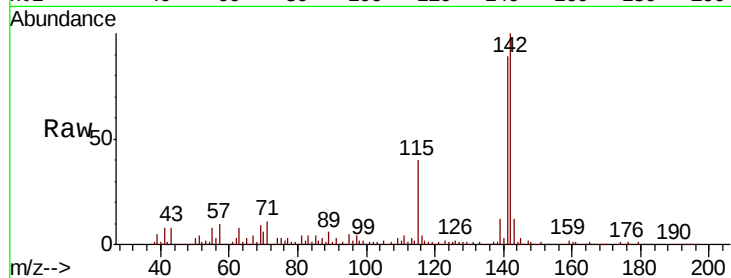




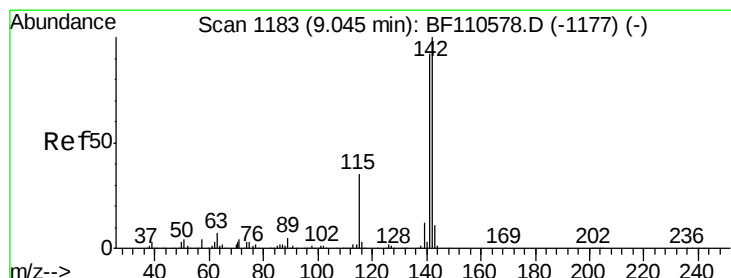
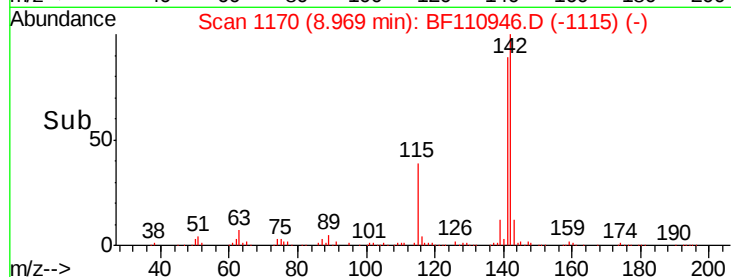
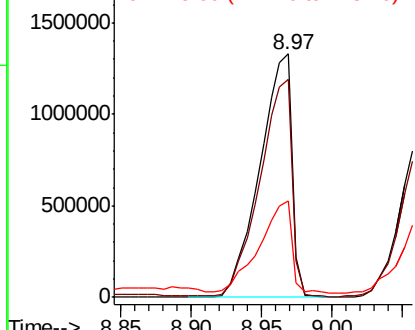
#37
 2-Methylnaphthalene
 Concen: 360.664 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

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

Tgt Ion:142 Resp: 2115502
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2
 115 39.8 28.7 43.1

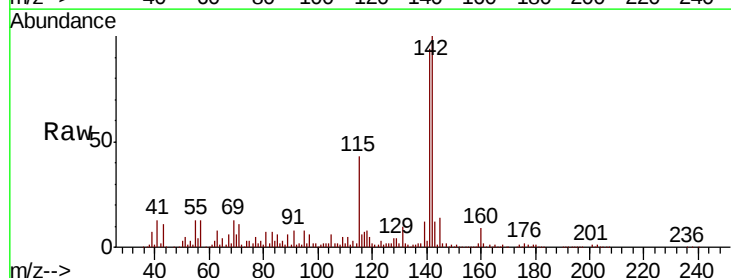


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

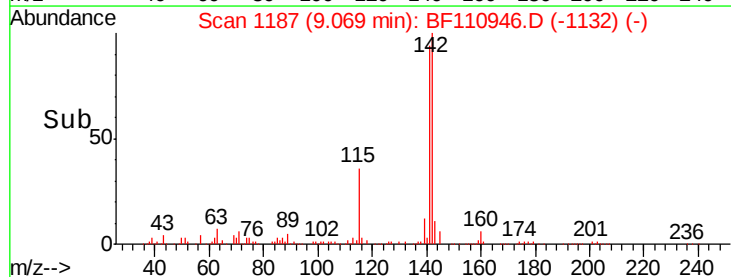
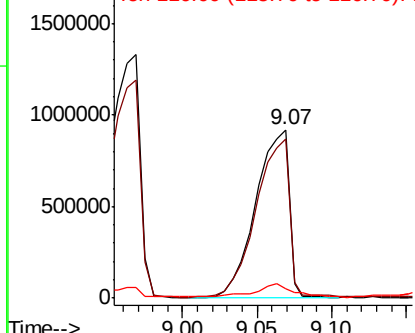


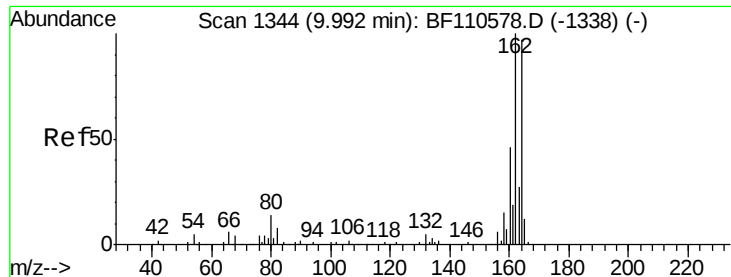
#38
 1-Methylnaphthalene
 Concen: 249.762 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.02 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:142 Resp: 1408906
 Ion Ratio Lower Upper
 142 100
 141 94.1 74.2 111.4
 116 5.7 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: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

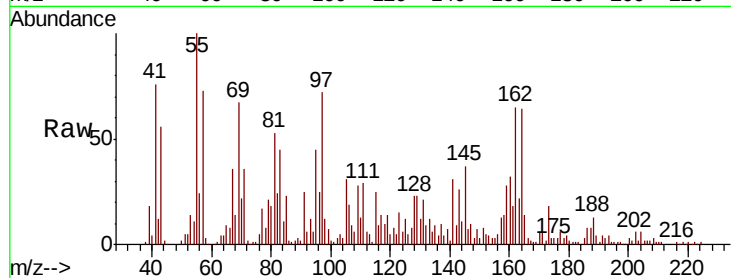
Tgt Ion:164 Resp: 91767

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.6

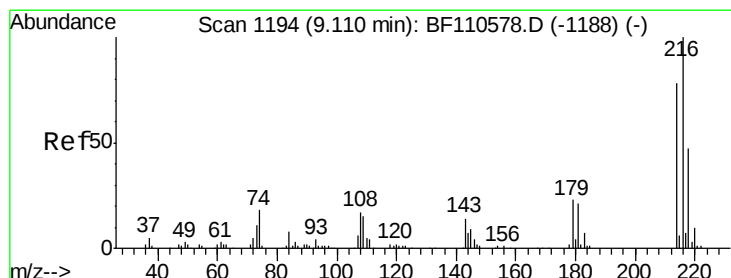
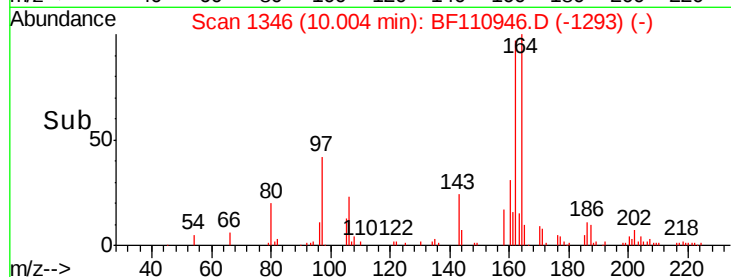
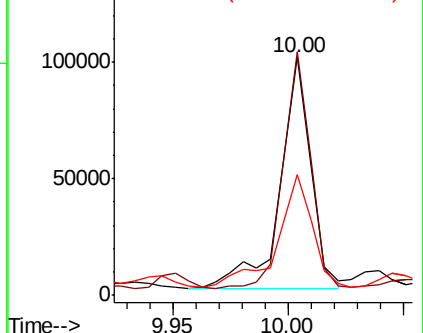
160 50.4 37.0 55.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.392 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Tgt Ion:216 Resp: 96998

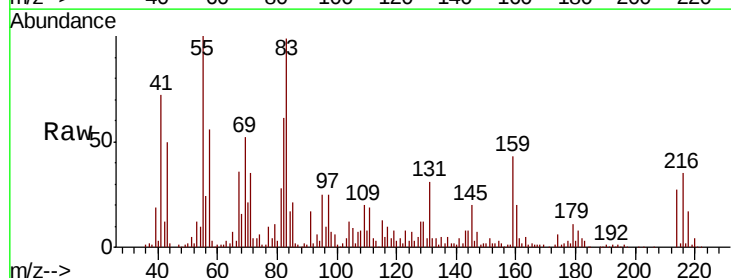
Ion Ratio Lower Upper

216 100

214 77.8 63.8 95.6

179 30.7 16.6 25.0#

108 23.8 15.1 22.7#

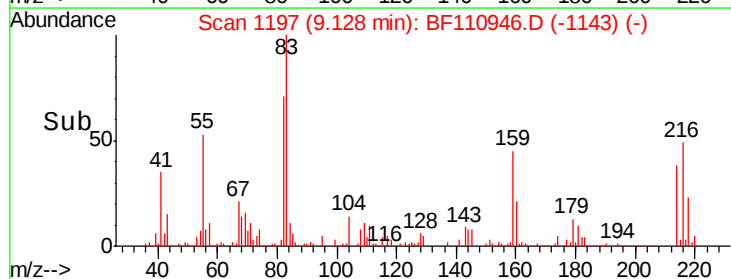
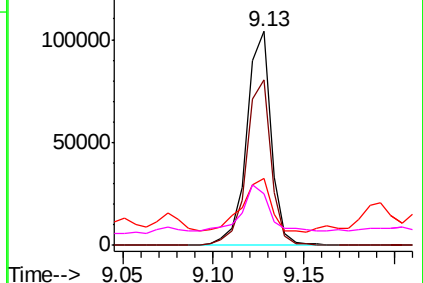


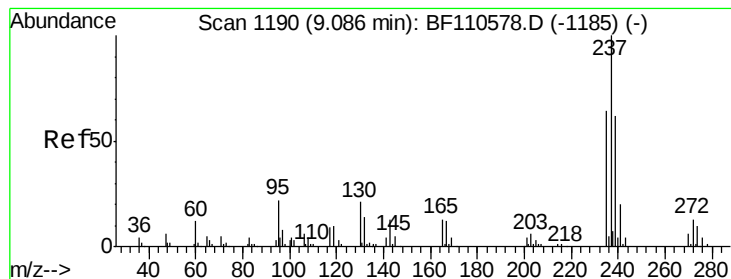
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 20.528 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

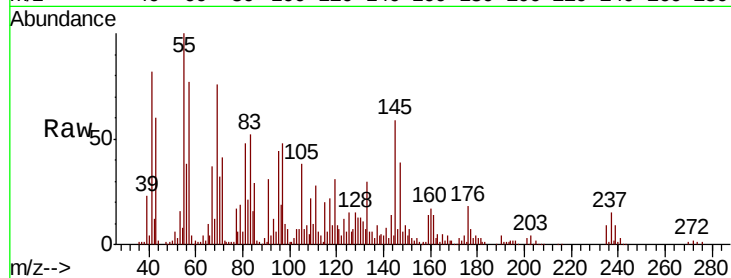
Tgt Ion: 237 Resp: 16152

Ion Ratio Lower Upper

237 100

235 63.0 43.1 83.1

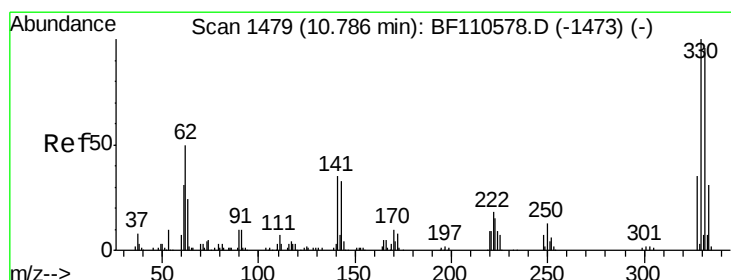
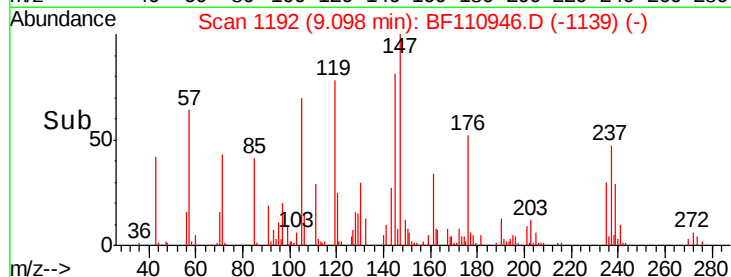
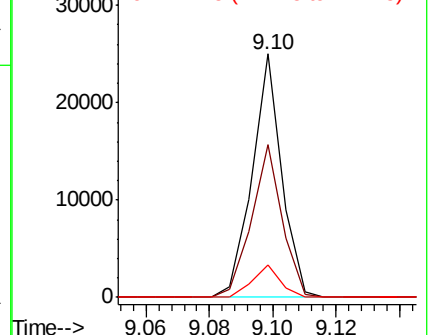
272 13.2 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.663 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

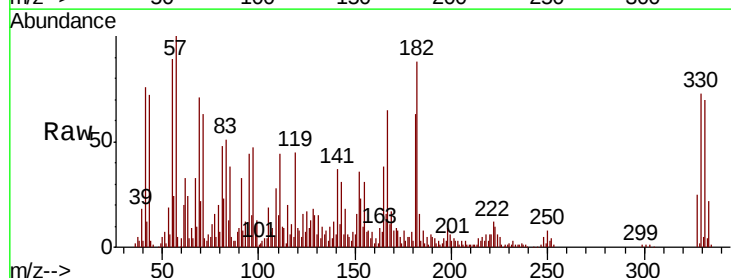
Tgt Ion: 330 Resp: 94004

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

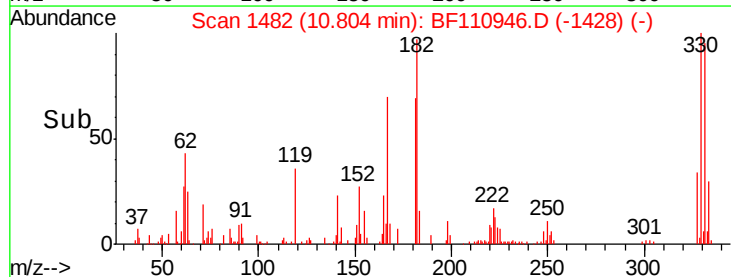
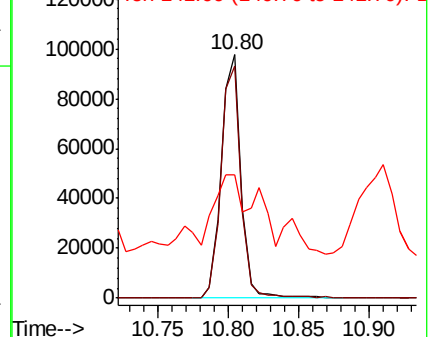
141 58.4 27.0 40.4#

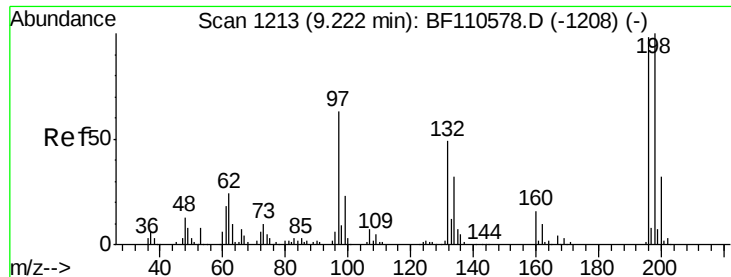


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

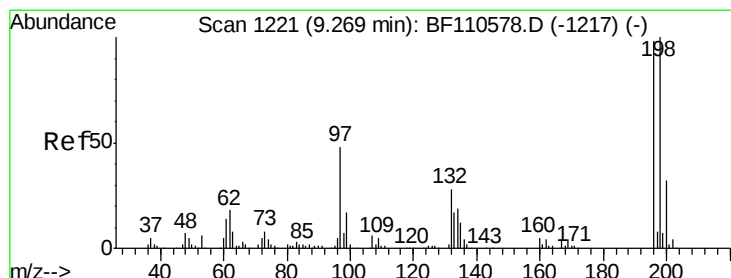
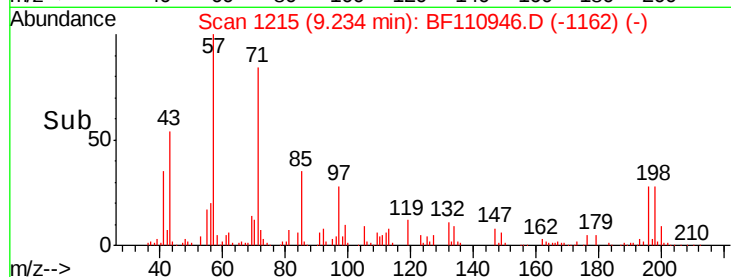
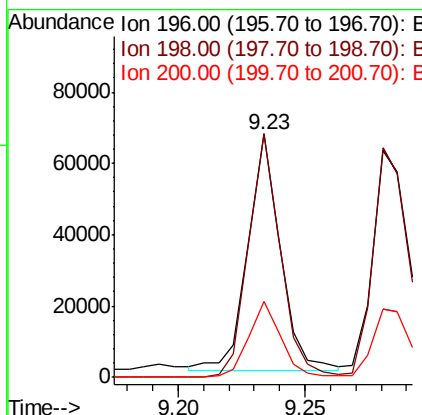
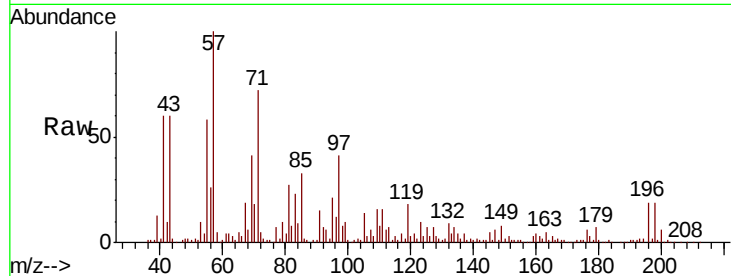




#43
 2,4,6-Trichlorophenol
 Concen: 33.071 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

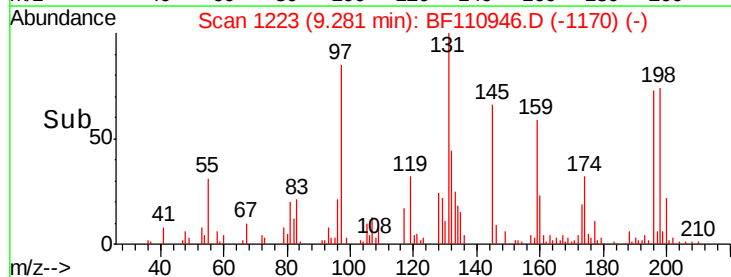
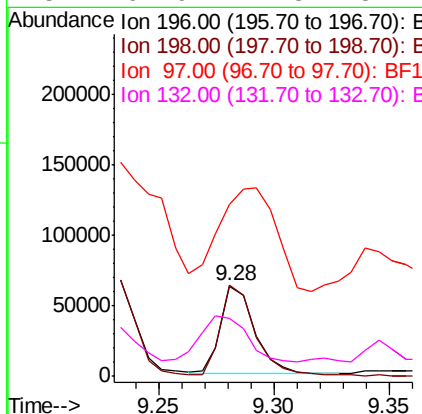
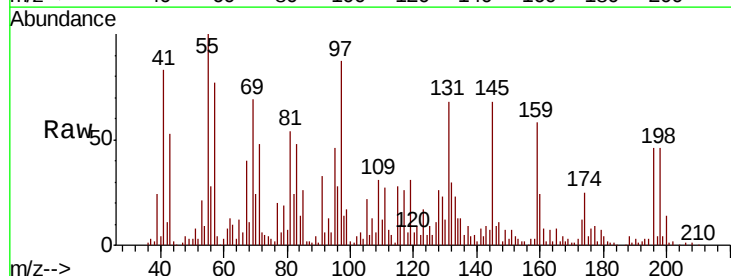
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

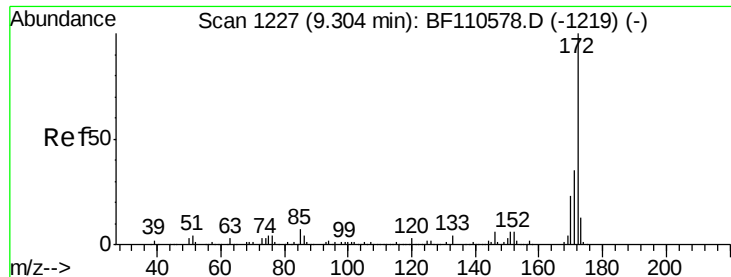
Tgt Ion:196 Resp: 60366
 Ion Ratio Lower Upper
 196 100
 198 100.0 76.2 114.4
 200 31.1 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 32.804 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:196 Resp: 63872
 Ion Ratio Lower Upper
 196 100
 198 101.6 75.8 113.6
 97 191.1 42.4 63.6#
 132 64.9 22.8 34.2#

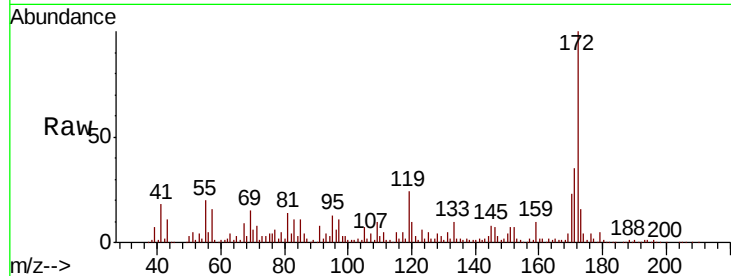




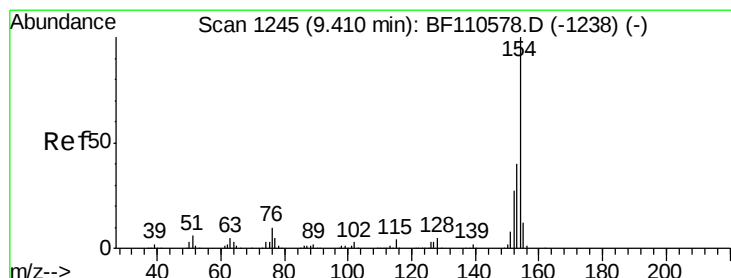
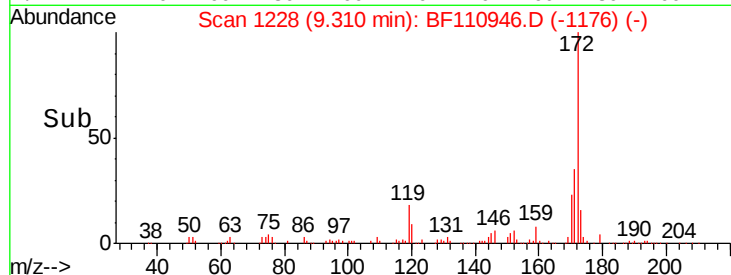
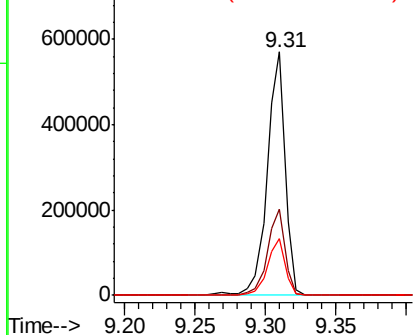
#45
2-Fluorobiphenyl
Concen: 80.174 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

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

Tgt Ion:172 Resp: 515153
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.7 29.5

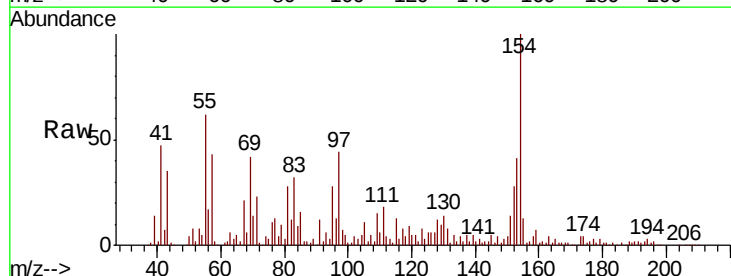


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

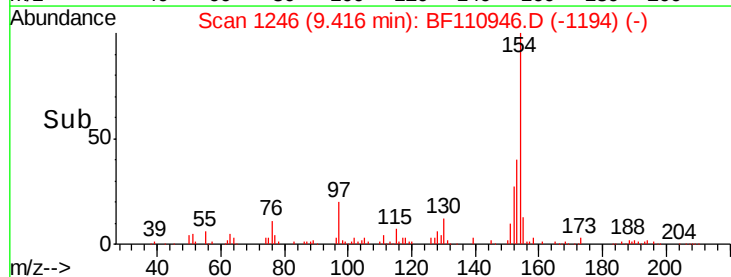
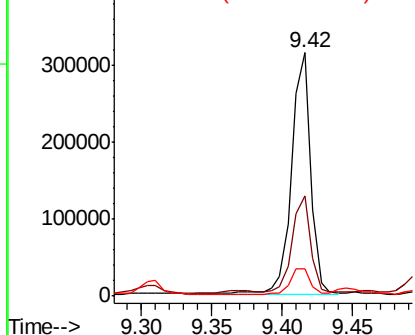


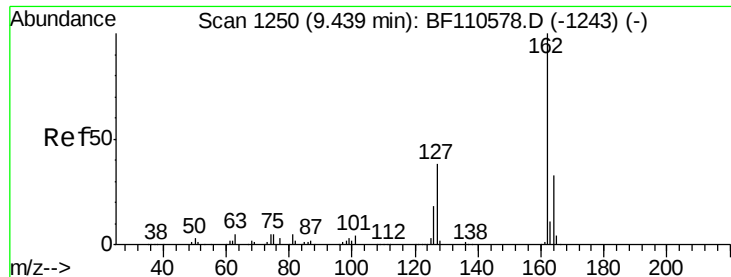
#46
1,1'-Biphenyl
Concen: 34.576 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:154 Resp: 295986
Ion Ratio Lower Upper
154 100
153 41.3 20.4 60.4
76 11.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

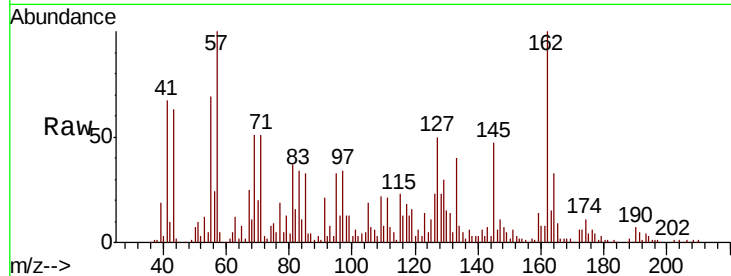




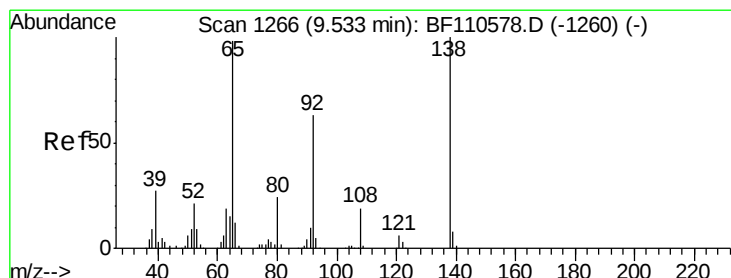
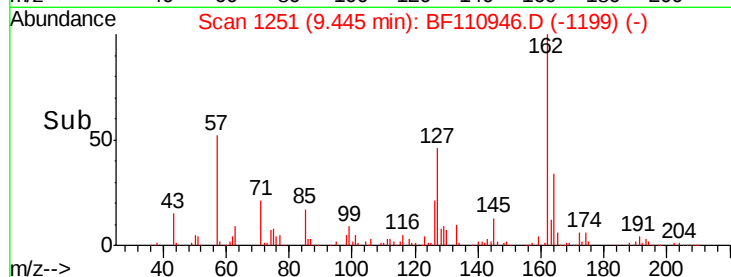
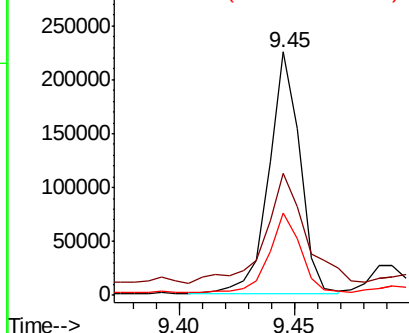
#47
 2-Chloronaphthalene
 Concen: 33.870 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

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

Tgt Ion: 162 Resp: 208889
 Ion Ratio Lower Upper
 162 100
 127 50.2 32.6 48.8#
 164 33.6 25.9 38.9

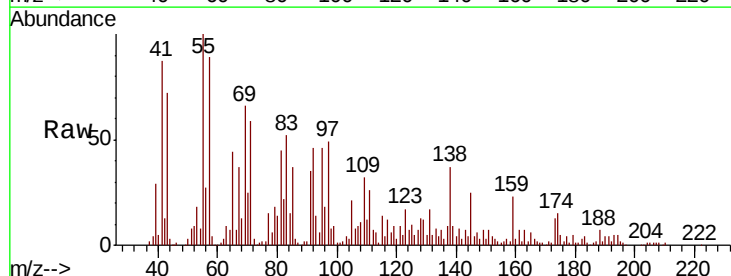


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

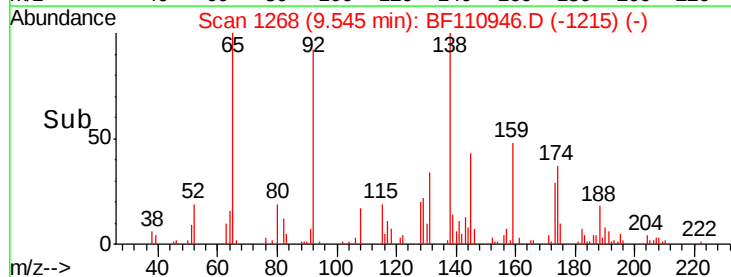
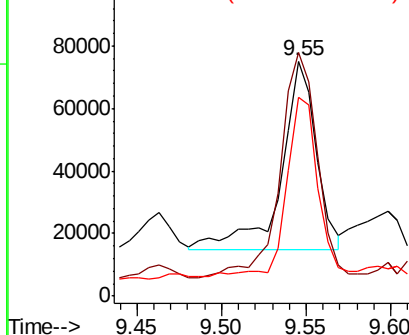


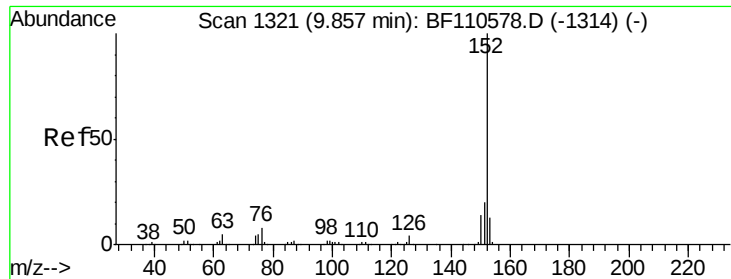
#48
 2-Nitroaniline
 Concen: 45.813 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion: 65 Resp: 87069
 Ion Ratio Lower Upper
 65 100
 92 103.6 54.6 81.8#
 138 84.4 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: 39.730 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

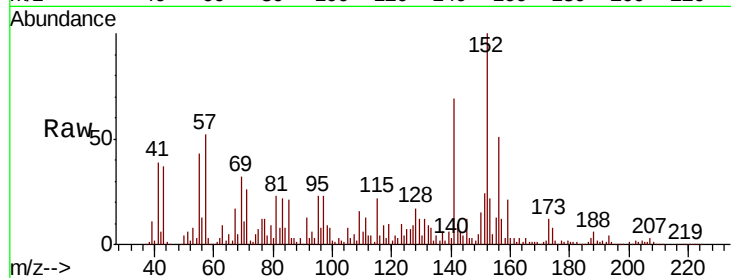
Tgt Ion:152 Resp: 352870

Ion Ratio Lower Upper

152 100

151 23.9 15.8 23.8#

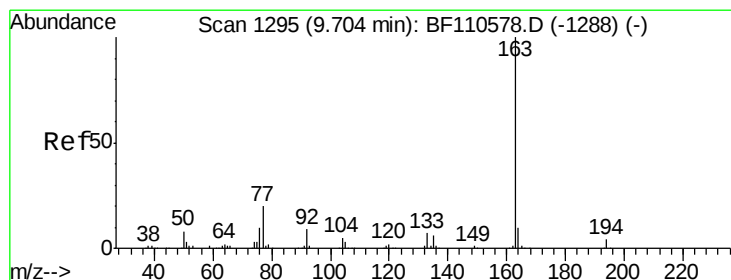
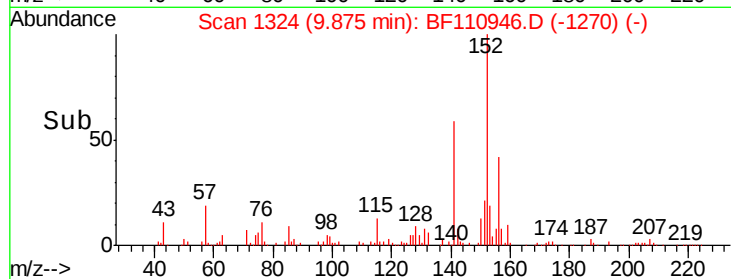
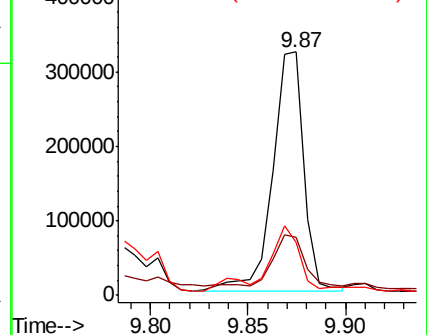
153 21.6 10.4 15.6#



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



#50

Dimethylphthalate

Concen: 27.170 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

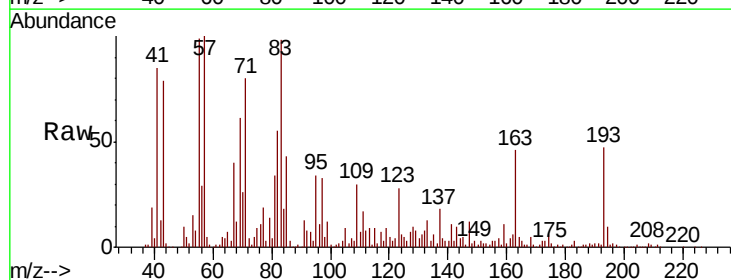
Tgt Ion:163 Resp: 186042

Ion Ratio Lower Upper

163 100

194 20.9 3.2 4.8#

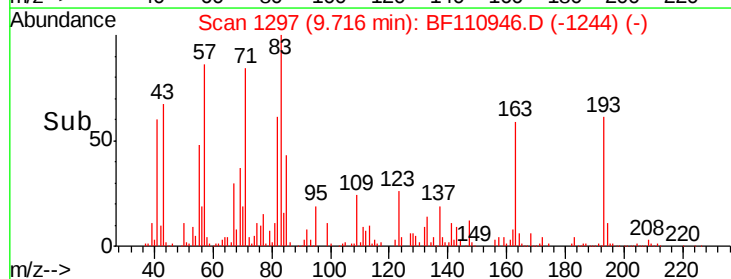
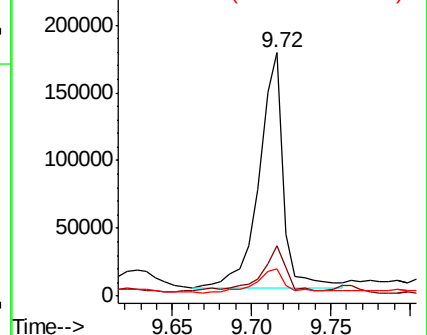
164 11.2 8.1 12.1

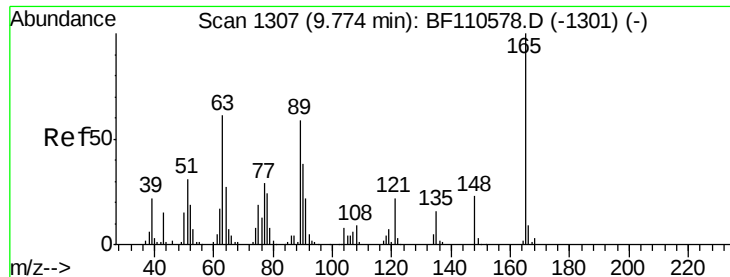


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

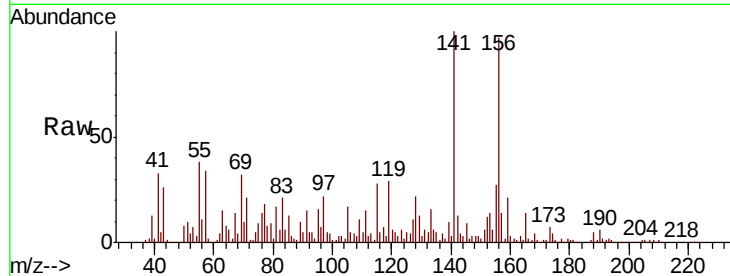




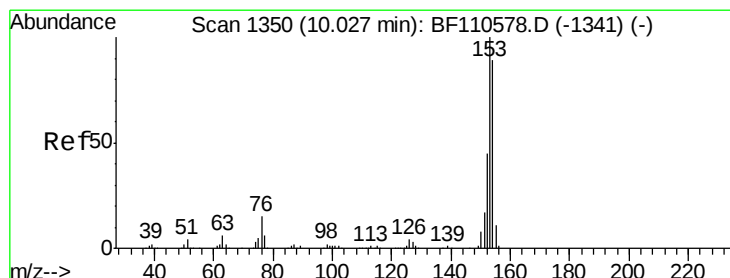
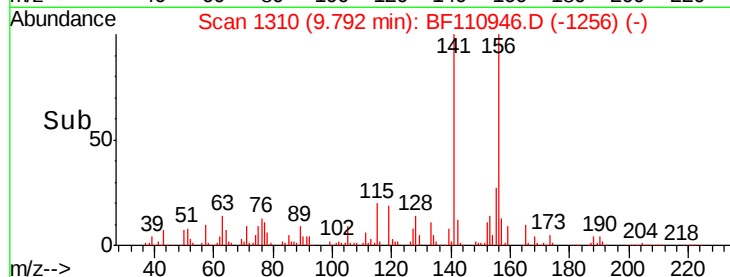
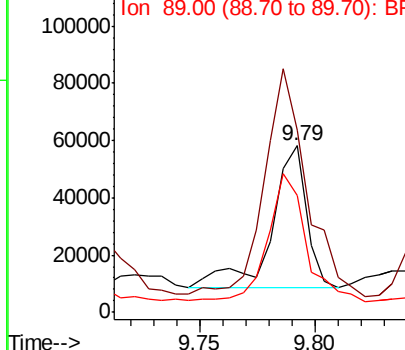
#51
 2,6-Dinitrotoluene
 Concen: 34.959 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.02 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

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

Tgt Ion:165 Resp: 52659
 Ion Ratio Lower Upper
 165 100
 63 109.6 48.9 73.3#
 89 70.4 46.6 69.8#

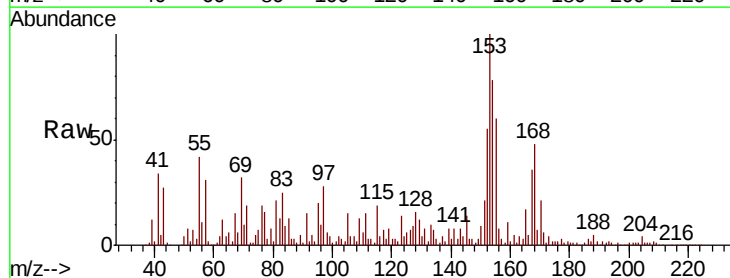


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

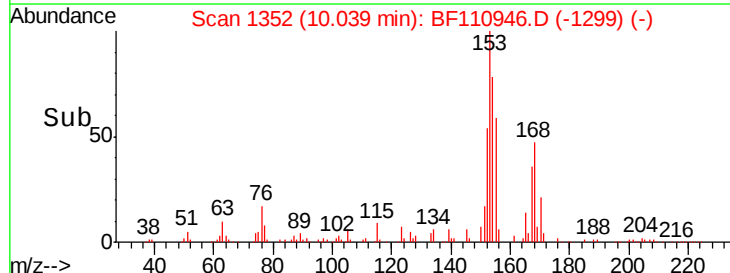
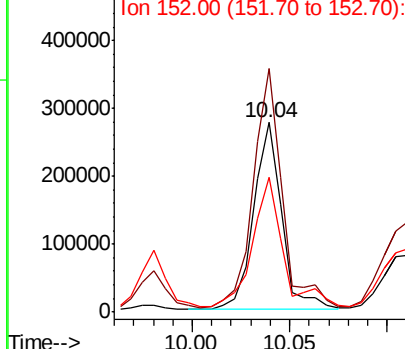


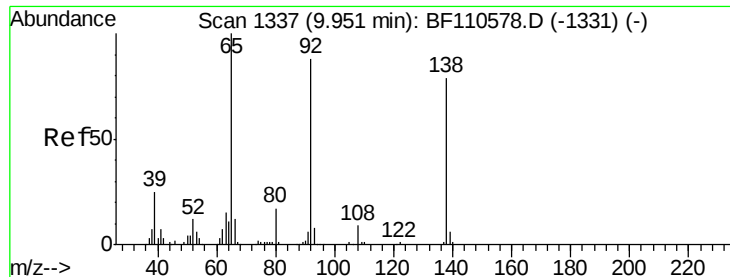
#52
 Acenaphthene
 Concen: 48.663 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:154 Resp: 273143
 Ion Ratio Lower Upper
 154 100
 153 128.3 90.1 135.1
 152 70.8 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

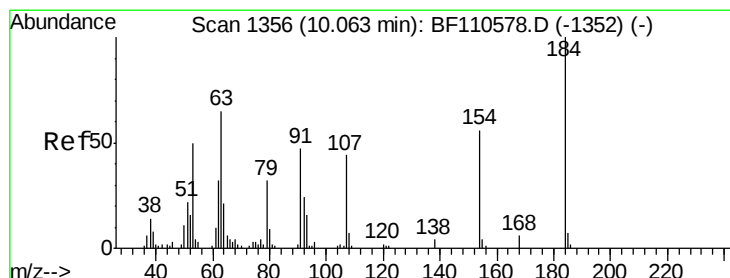
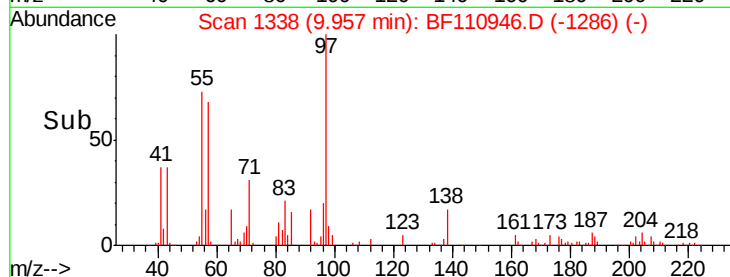
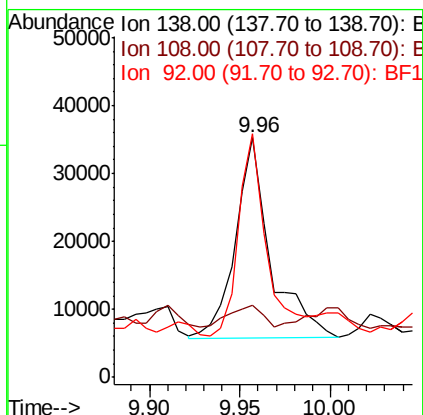
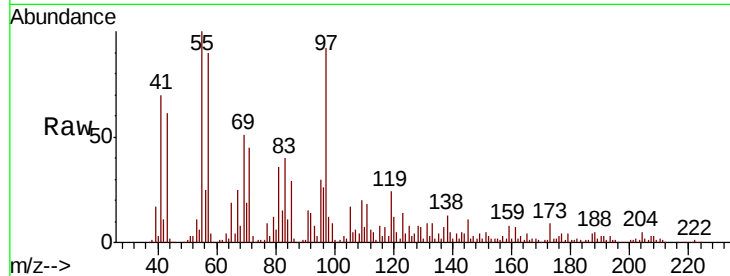




#53
 3-Nitroaniline
 Concen: 22.753 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

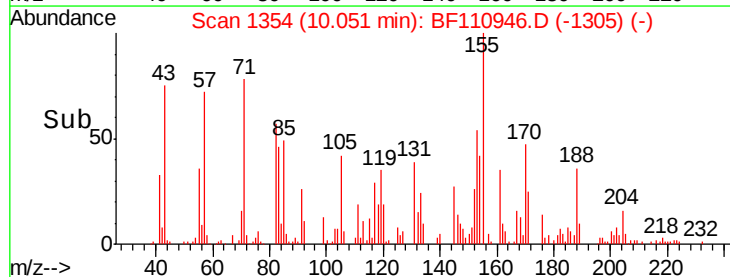
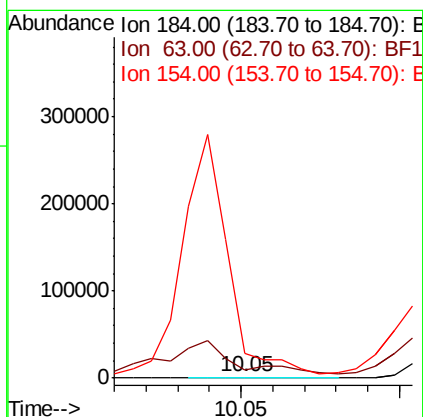
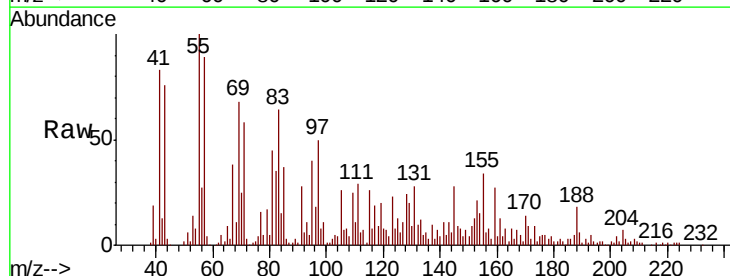
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

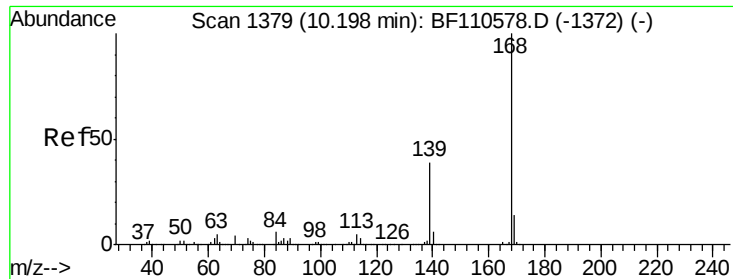
Tgt Ion:138 Resp: 39706
 Ion Ratio Lower Upper
 138 100
 108 30.3 8.7 13.1#
 92 101.6 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 7.031 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:184 Resp: 1485
 Ion Ratio Lower Upper
 184 100
 63 1197.2 55.8 83.6#
 154 3374.2 63.2 94.8#





#55

Dibenzofuran

Concen: 39.725 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

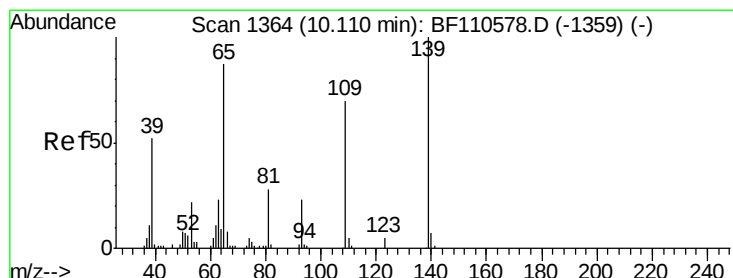
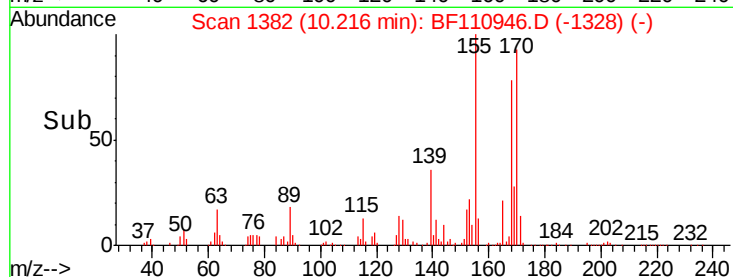
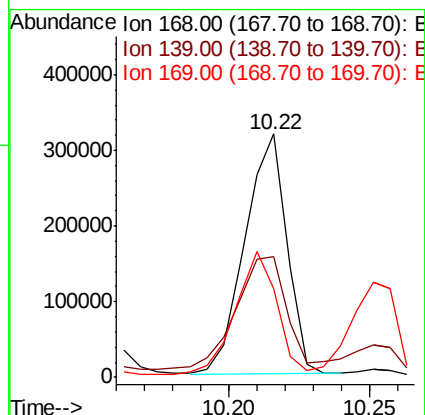
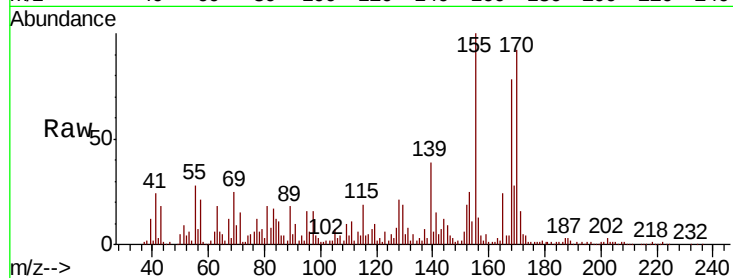
Tgt Ion:168 Resp: 326230

Ion Ratio Lower Upper

168 100

139 49.5 33.0 49.6

169 36.3 11.3 16.9#



#56

4-Nitrophenol

Concen: 126.661 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

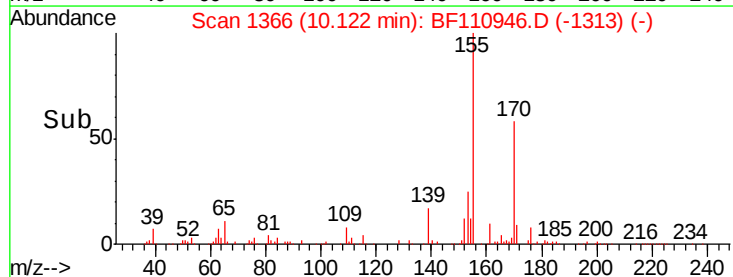
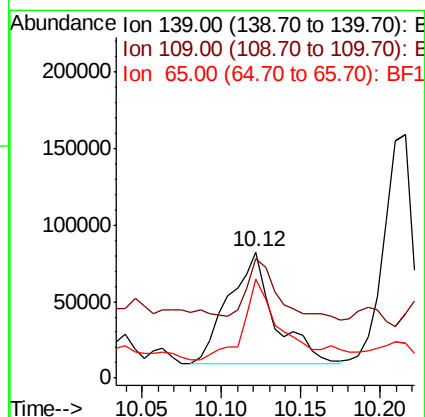
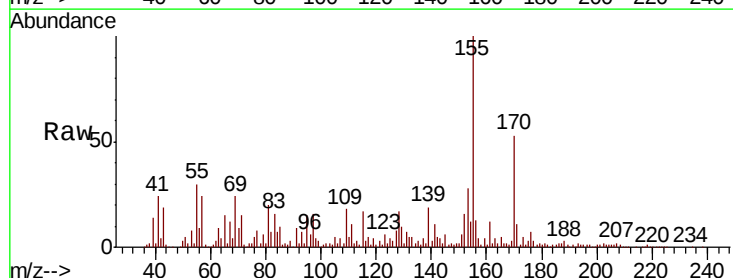
Tgt Ion:139 Resp: 146643

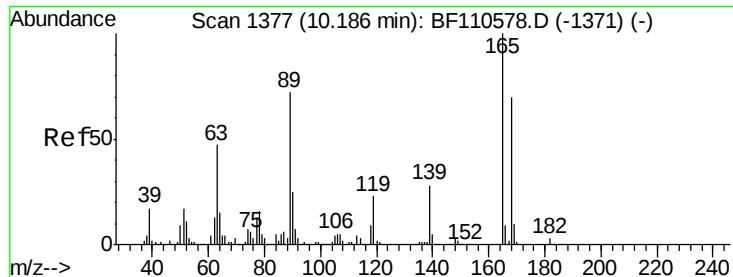
Ion Ratio Lower Upper

139 100

109 95.2 55.8 95.8

65 78.7 77.9 117.9

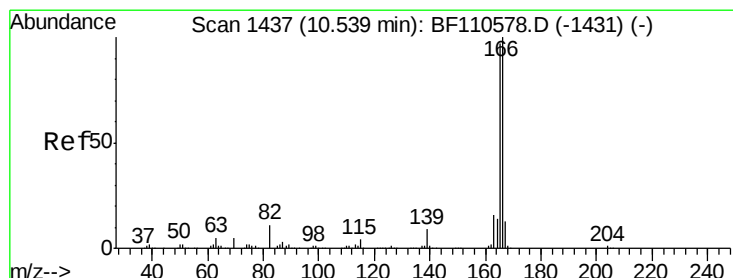
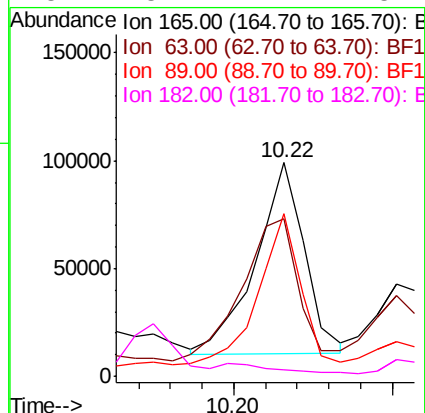
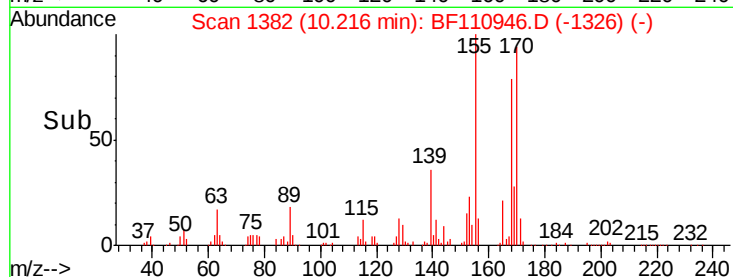
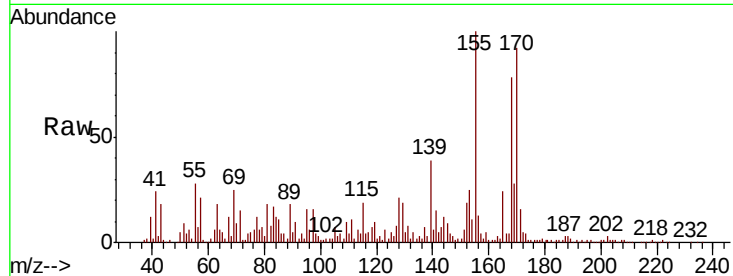




#57
2,4-Dinitrotoluene
Concen: 48.133 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.03 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

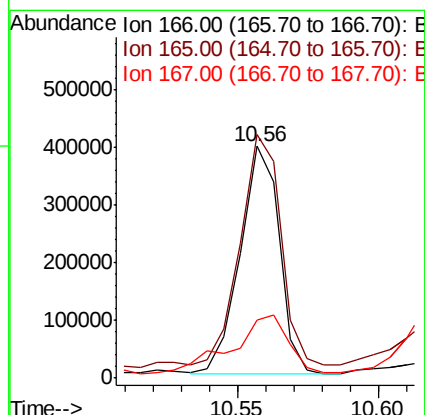
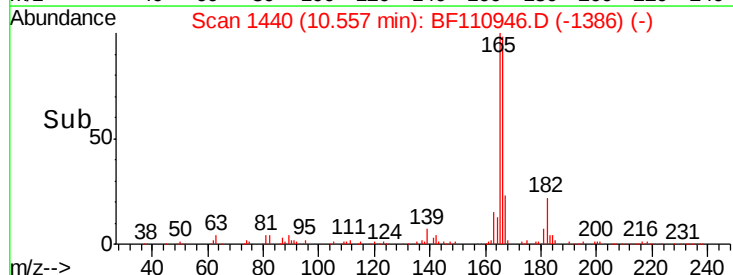
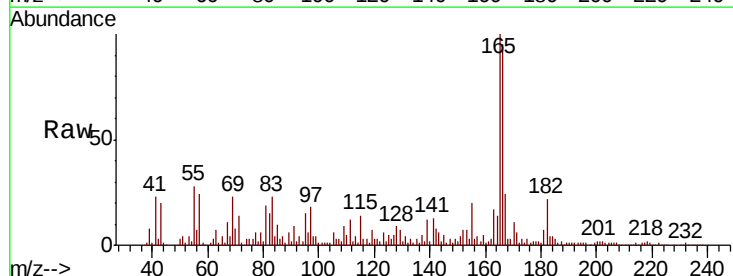
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

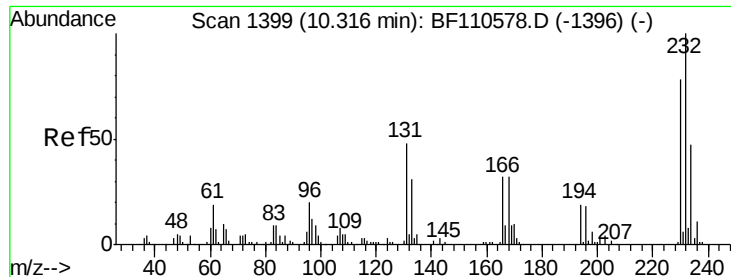
Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.6	44.8	67.2#
89	76.2	62.2	93.4
182	3.1	2.1	3.1



#58
Fluorene
Concen: 60.370 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.1	78.6	117.8
167	25.2	10.8	16.2#

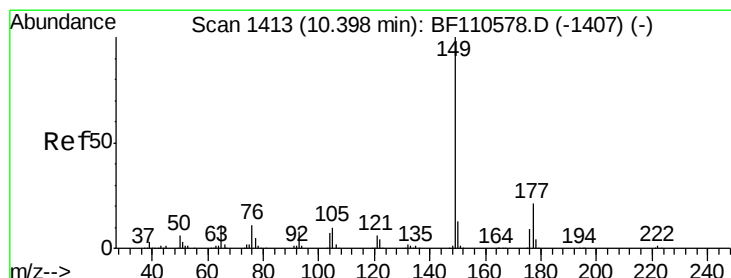
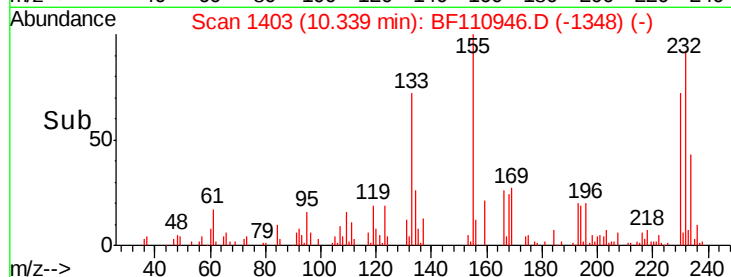
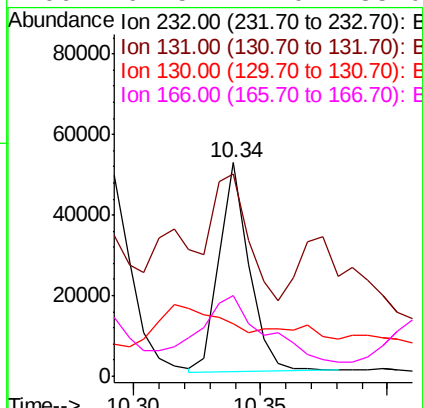
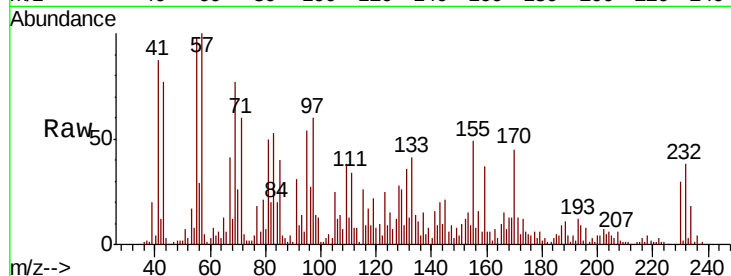




#59
2,3,4,6-Tetrachlorophenol
Concen: 27.892 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

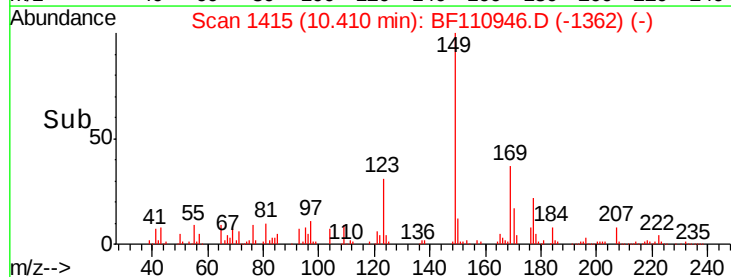
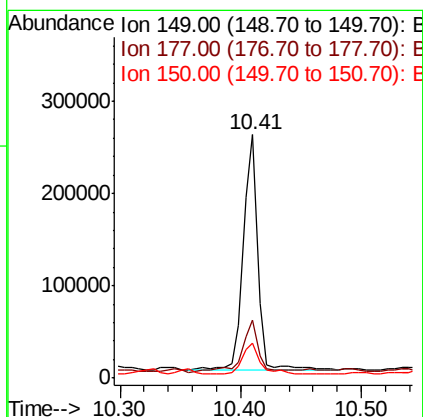
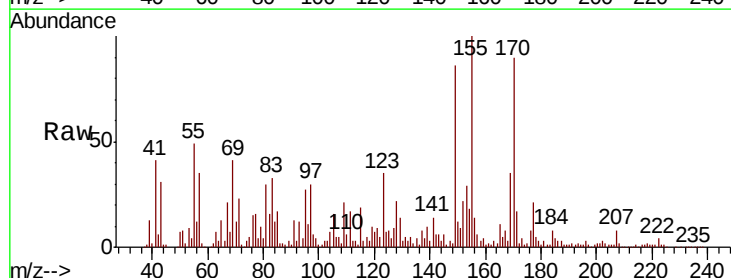
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

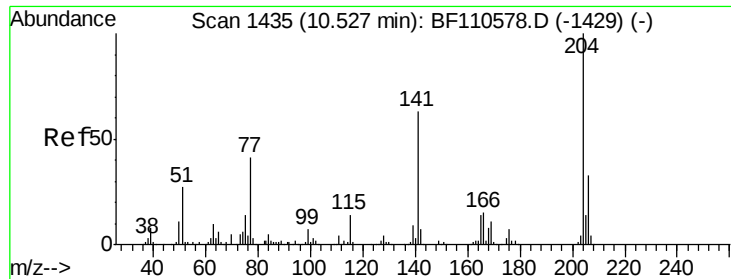
Tgt Ion: 232 Resp: 42723
Ion Ratio Lower Upper
232 100
131 81.0 37.0 55.4#
130 0.0 1.8 2.6#
166 67.5 22.0 33.0#



#60
Diethylphthalate
Concen: 32.268 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion: 149 Resp: 218589
Ion Ratio Lower Upper
149 100
177 24.0 17.4 26.2
150 14.3 9.8 14.8

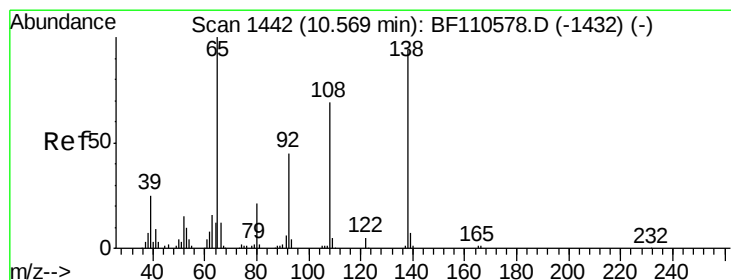
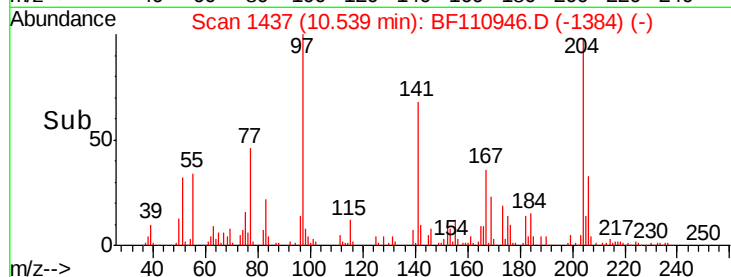
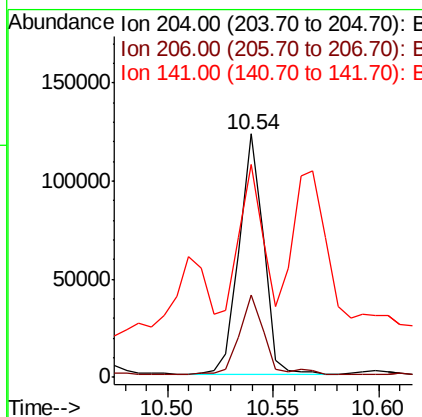
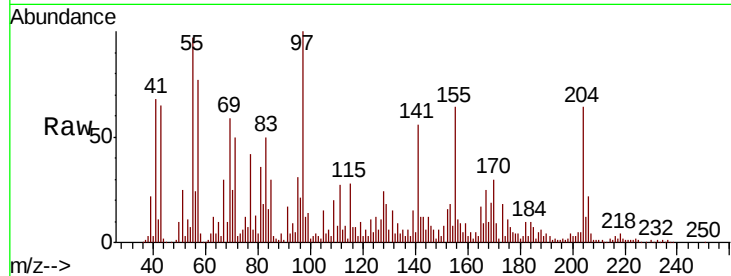




#61
4-Chlorophenyl-phenylether
Concen: 29.861 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

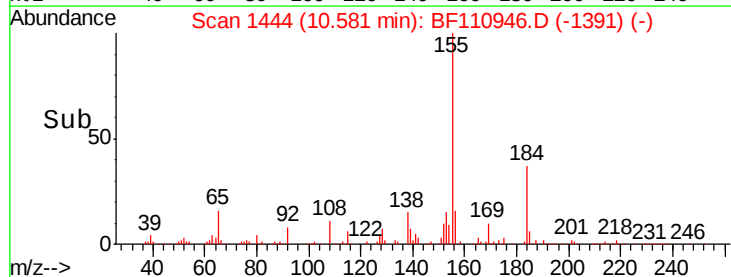
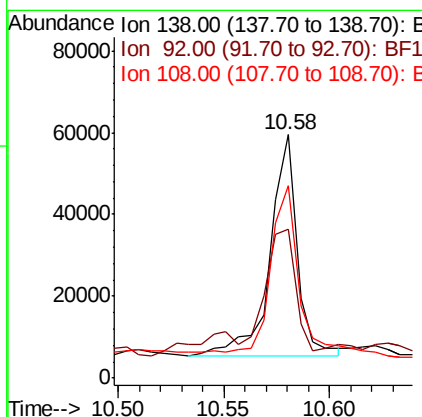
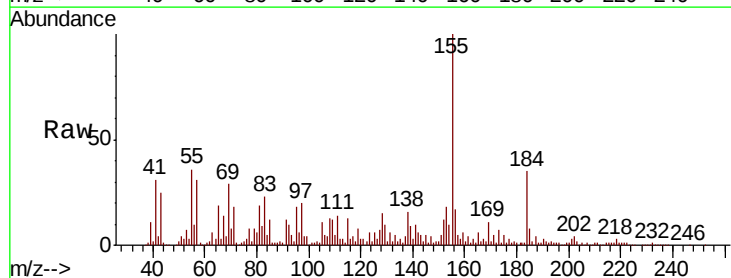
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

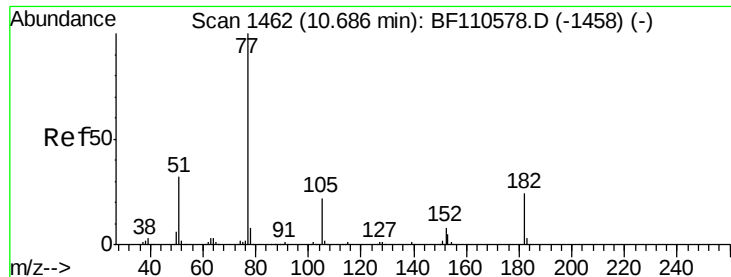
Tgt Ion: 204 Resp: 97526
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 87.3 51.8 77.8#



#62
4-Nitroaniline
Concen: 27.379 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion: 138 Resp: 48114
Ion Ratio Lower Upper
138 100
92 61.0 31.7 71.7
108 78.9 59.3 99.3





#63

Azobenzene

Concen: 34.993 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 77 Resp: 231278

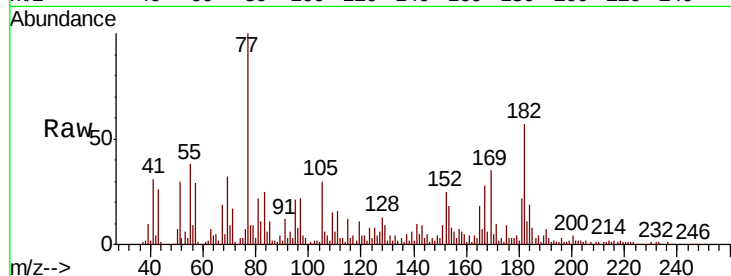
Ion Ratio Lower Upper

77 100

182 56.9 4.3 44.3#

105 30.1 1.3 41.3

51 30.3 9.0 49.0

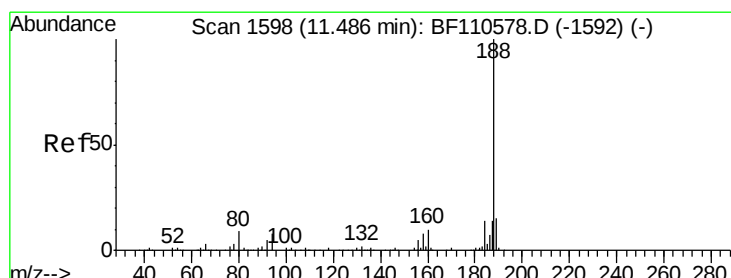
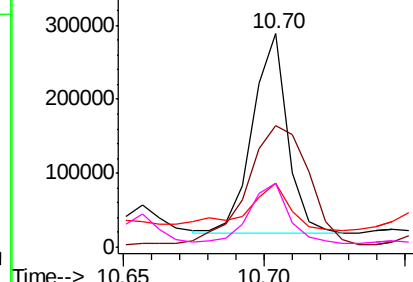
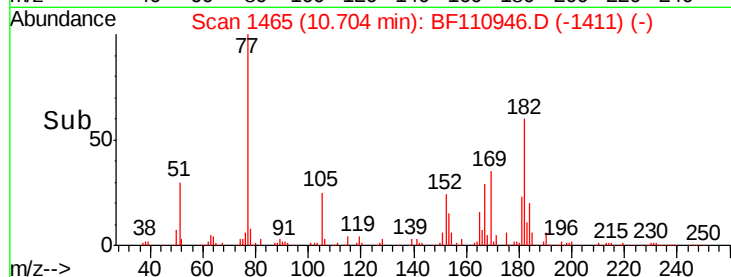


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

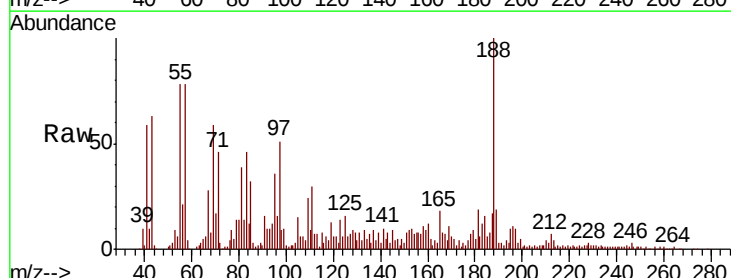
Tgt Ion: 188 Resp: 130279

Ion Ratio Lower Upper

188 100

94 12.2 7.2 10.8#

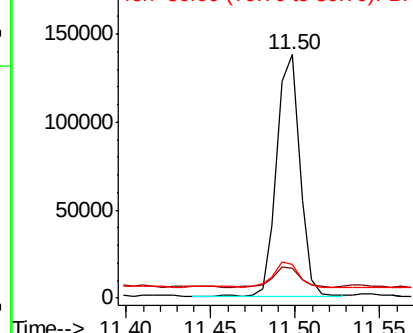
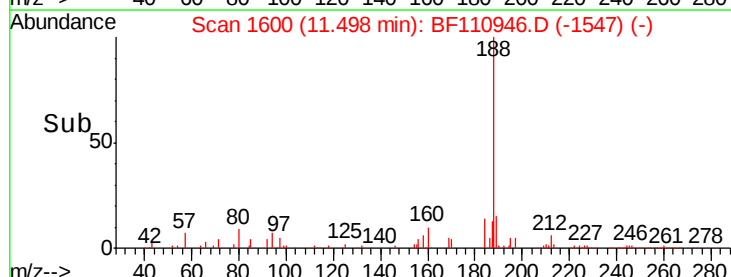
80 13.8 7.9 11.9#

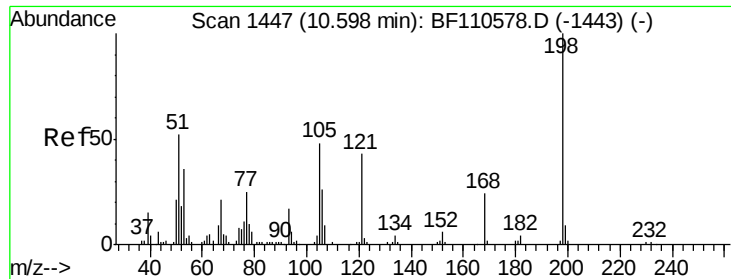


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 28.333 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.03 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

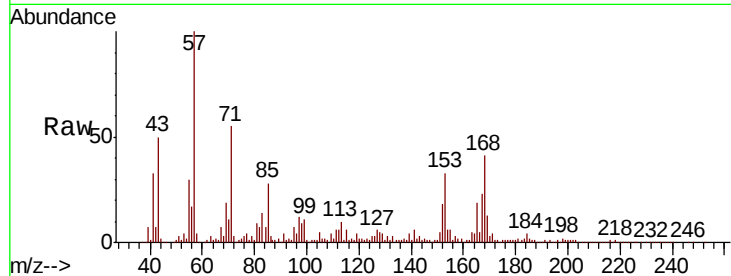
Tgt Ion:198 Resp: 18603

Ion Ratio Lower Upper

198 100

51 152.2 22.8 62.8#

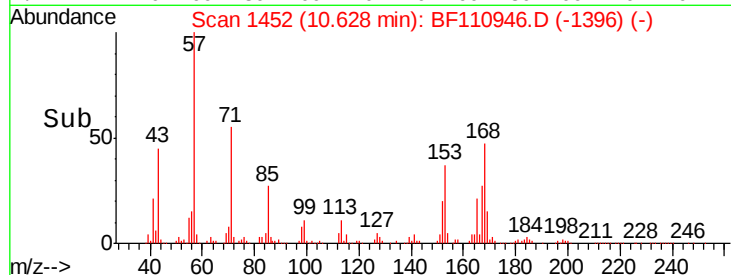
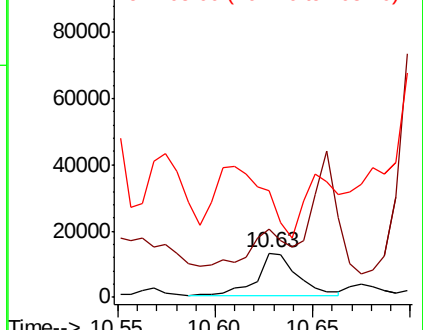
105 239.1 23.6 63.6#



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



#66

n-Nitrosodiphenylamine

Concen: 140.747 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

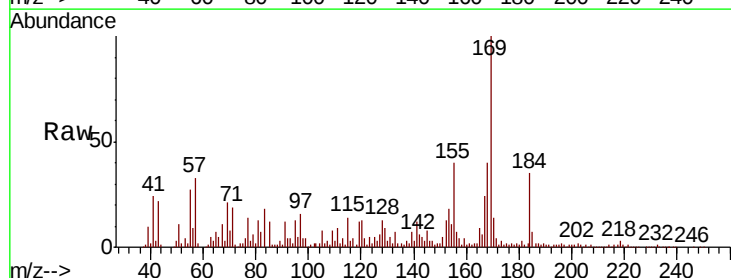
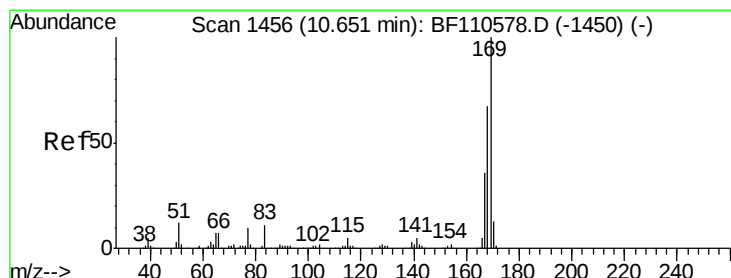
Tgt Ion:169 Resp: 618056

Ion Ratio Lower Upper

169 100

168 40.1 51.2 76.8#

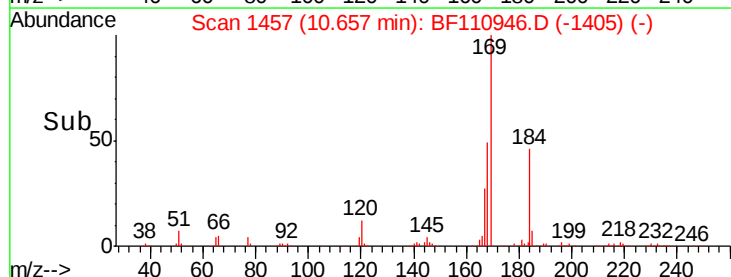
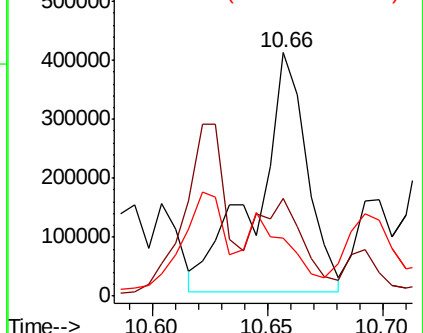
167 24.1 27.8 41.6#

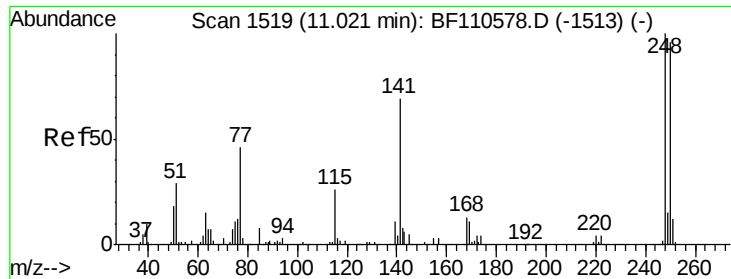


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

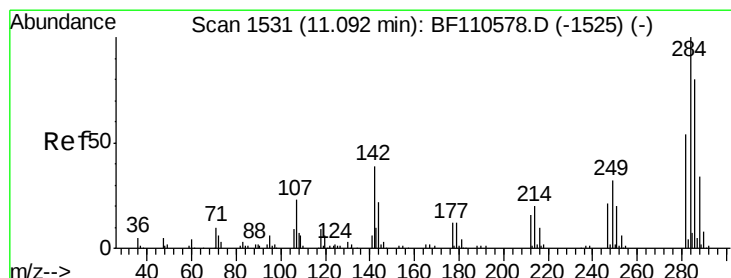
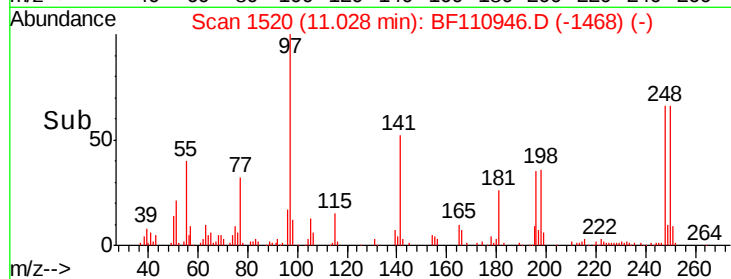
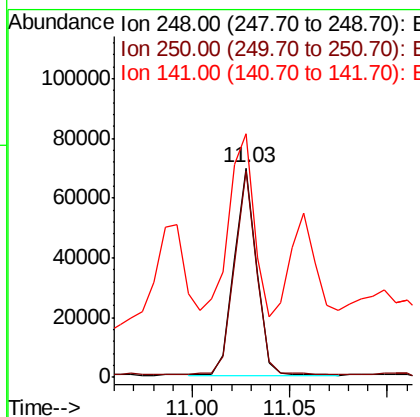
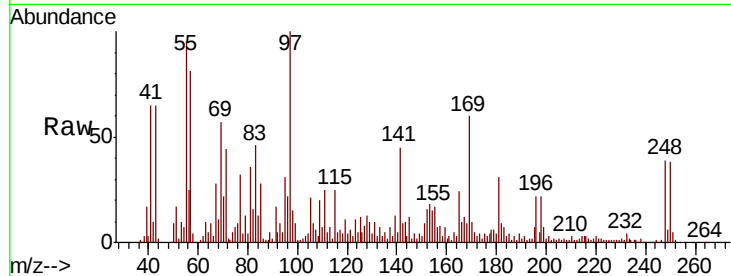




#67
 4-Bromophenyl-phenylether
 Concen: 38.146 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

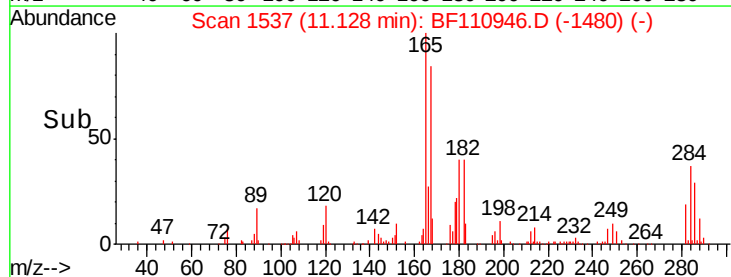
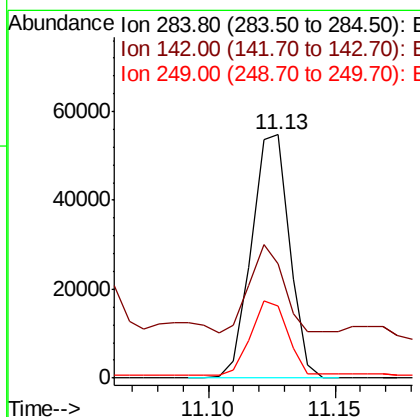
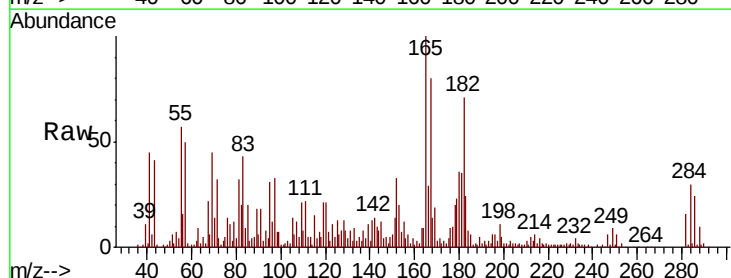
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

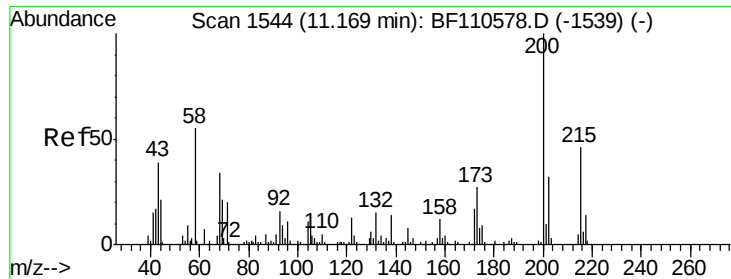
Tgt Ion:248 Resp: 54924
 Ion Ratio Lower Upper
 248 100
 250 98.6 79.4 119.2
 141 116.3 55.9 83.9#



#68
 Hexachlorobenzene
 Concen: 37.845 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.04 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:284 Resp: 57450
 Ion Ratio Lower Upper
 284 100
 142 47.0 23.9 35.9#
 249 29.8 24.2 36.2





#69

Atrazine

Concen: 55.398 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

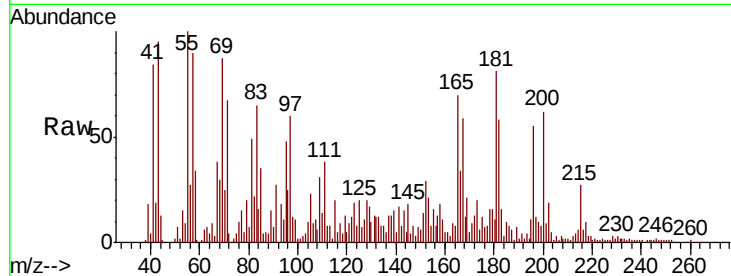
Tgt Ion:200 Resp: 74382

Ion Ratio Lower Upper

200 100

173 32.5 6.6 46.6

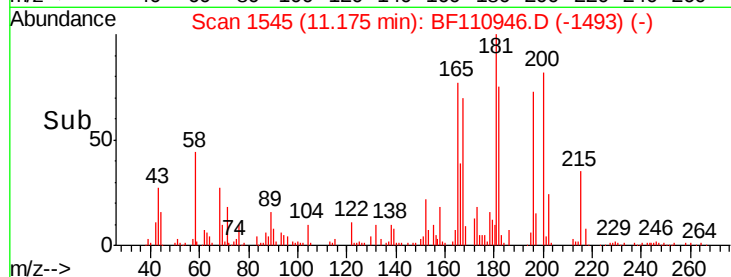
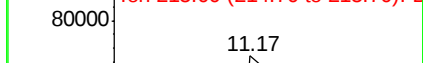
215 44.0 26.3 66.3



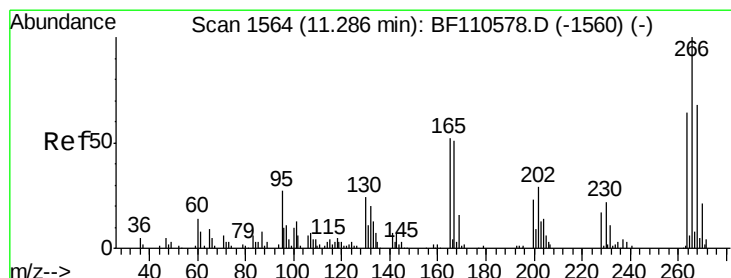
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#70

Pentachlorophenol

Concen: 54.179 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

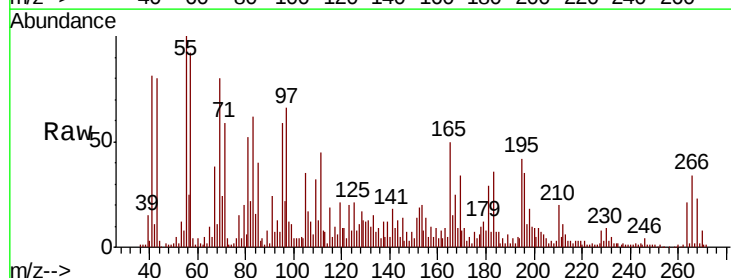
Tgt Ion:266 Resp: 43886

Ion Ratio Lower Upper

266 100

268 68.4 50.6 75.8

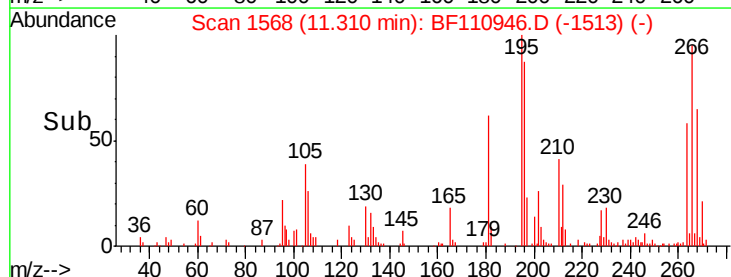
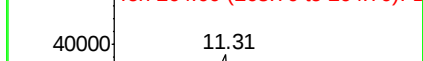
264 60.7 50.6 75.8



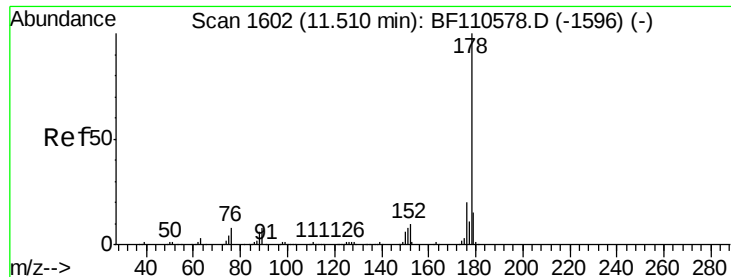
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



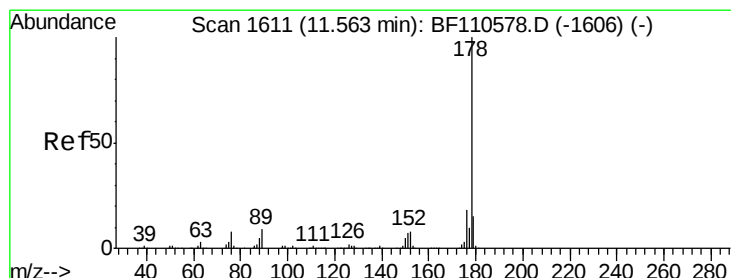
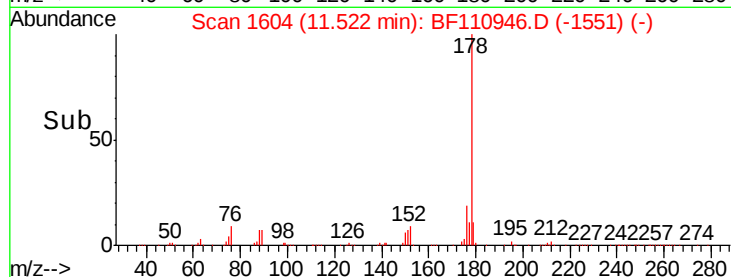
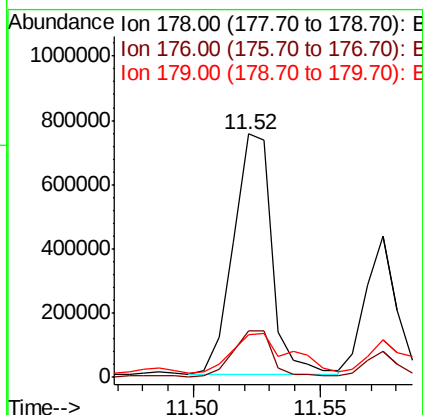
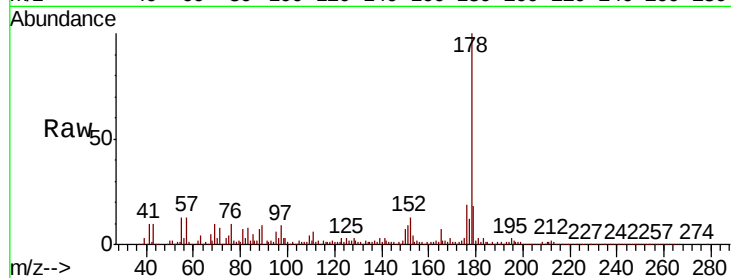
Time-->



#71
Phenanthrene
Concen: 113.244 ng
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

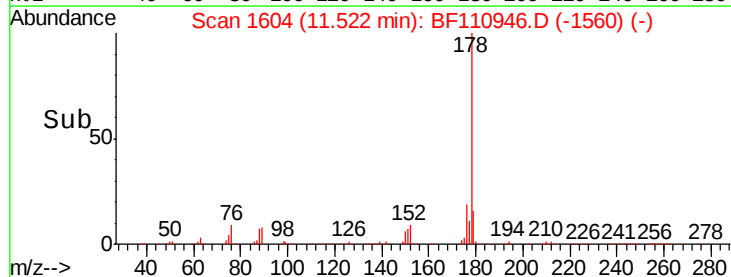
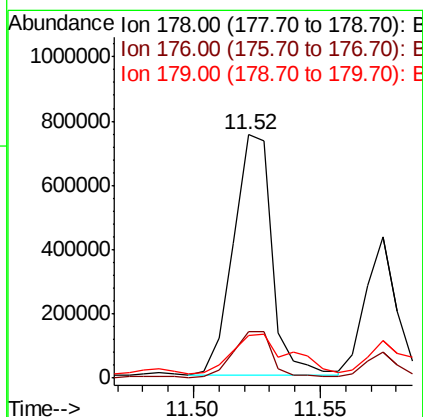
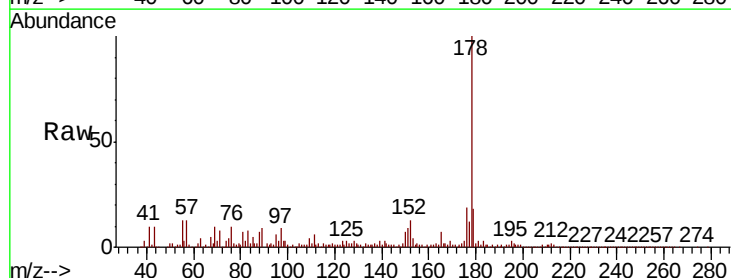
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

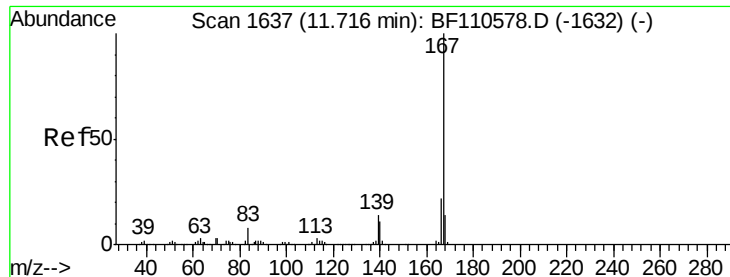
Tgt Ion:178 Resp: 790408
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 17.7 12.5 18.7



#72
Anthracene
Concen: 112.151 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.04 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:178 Resp: 789635
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 17.7 12.6 18.8

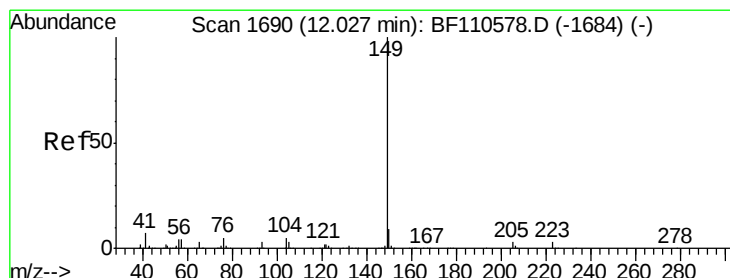
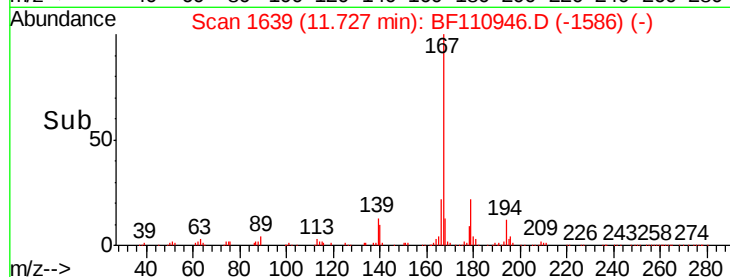
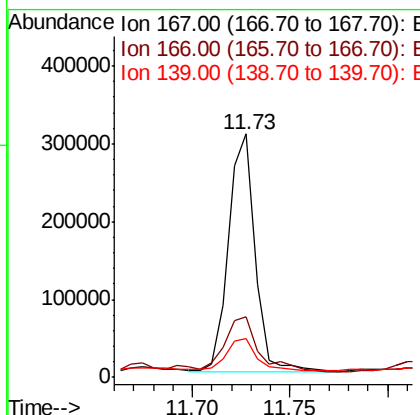
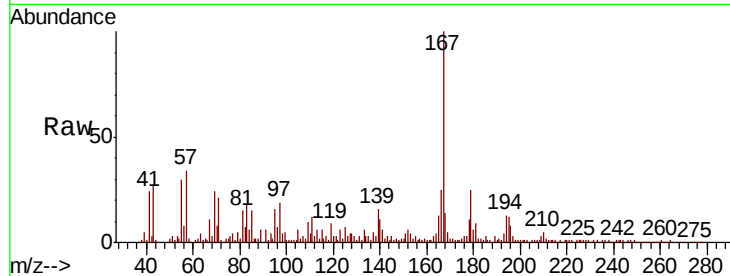




#73
 Carbazole
 Concen: 42.857 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

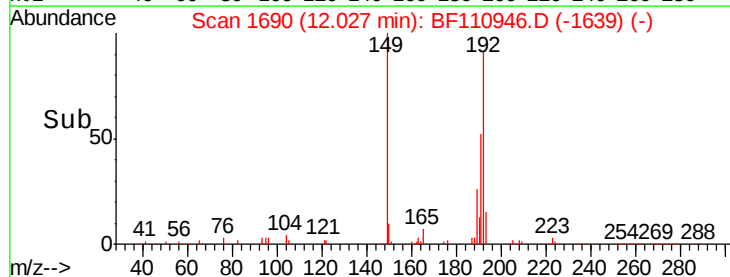
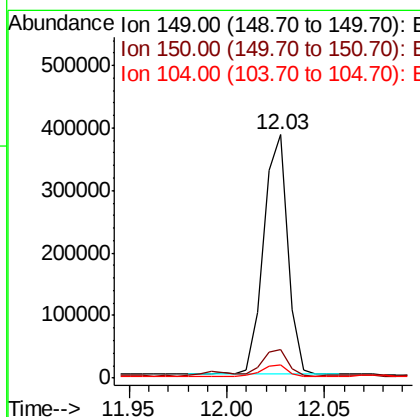
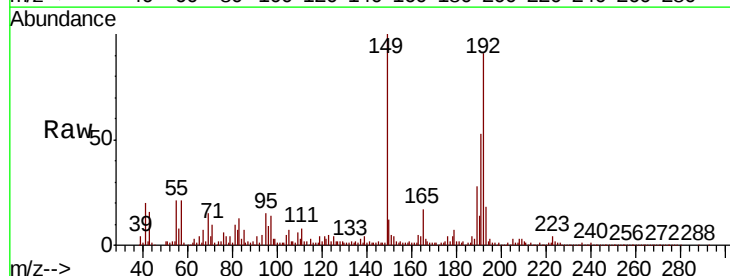
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

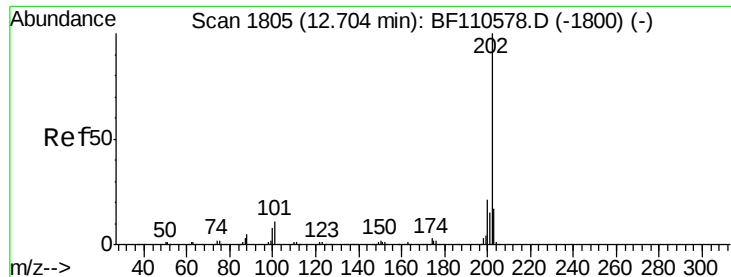
Tgt Ion:167 Resp: 289792
 Ion Ratio Lower Upper
 167 100
 166 25.0 17.4 26.0
 139 15.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 41.626 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:149 Resp: 330069
 Ion Ratio Lower Upper
 149 100
 150 11.5 7.7 11.5
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 52.505 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

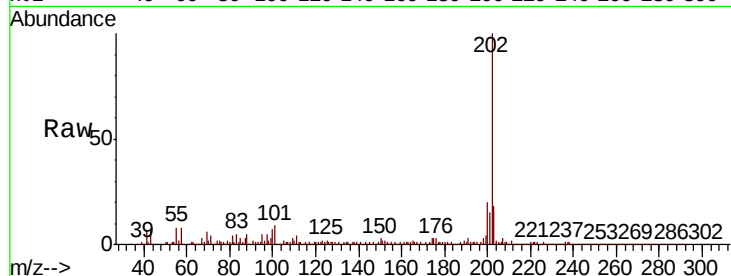
Tgt Ion:202 Resp: 367408

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.4

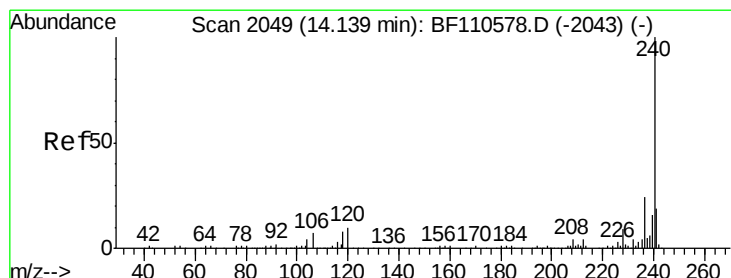
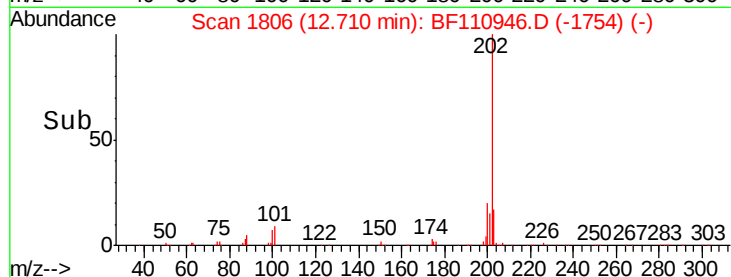
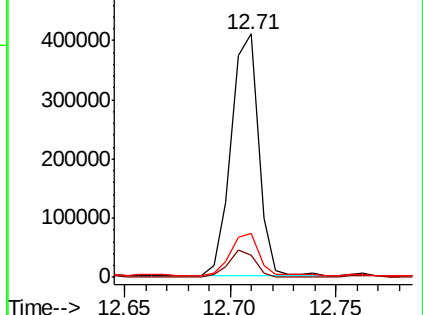
203 17.8 0.0 37.7



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: BF110946.D

Acq: 23 Nov 2018 16:13

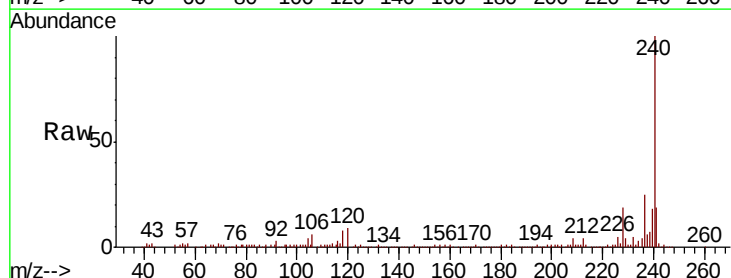
Tgt Ion:240 Resp: 135617

Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

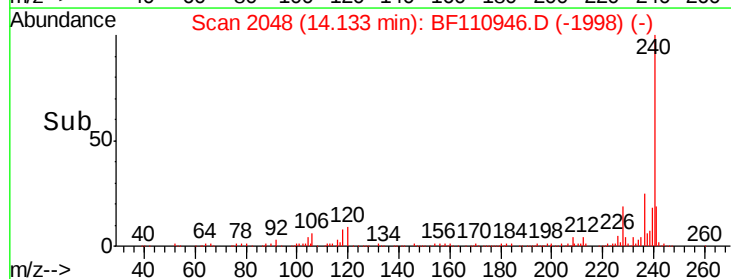
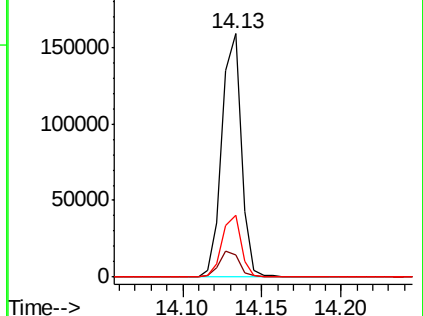
236 25.4 21.2 31.8

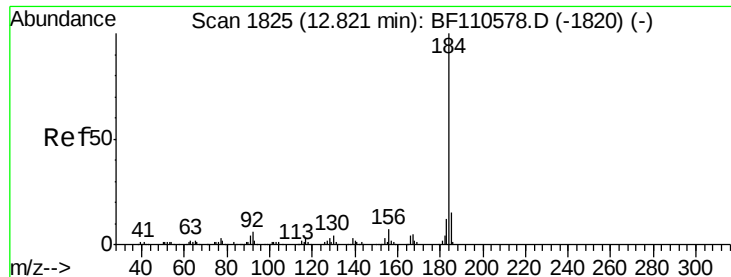


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.202 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

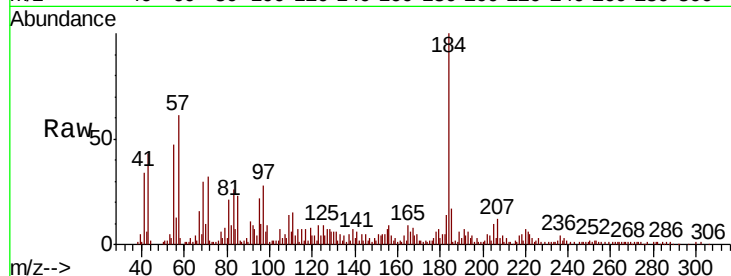
Tgt Ion:184 Resp: 71612

Ion Ratio Lower Upper

184 100

185 16.5 13.4 20.2

183 14.3 9.4 14.2#

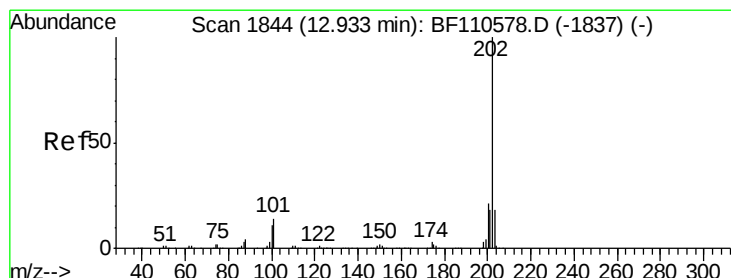
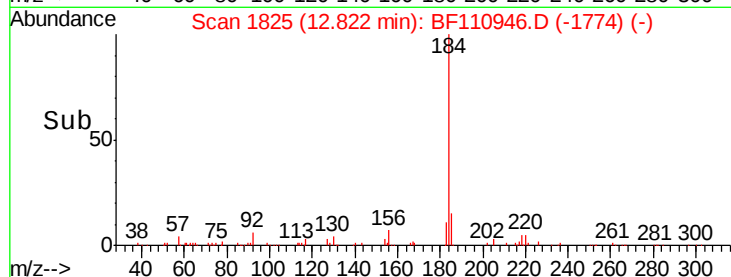
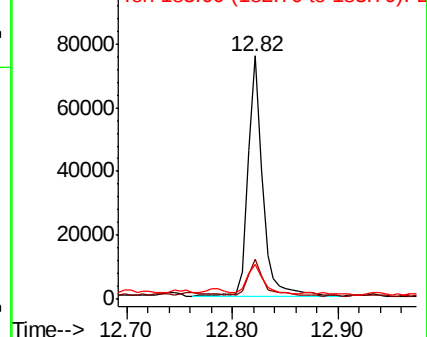


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.638 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

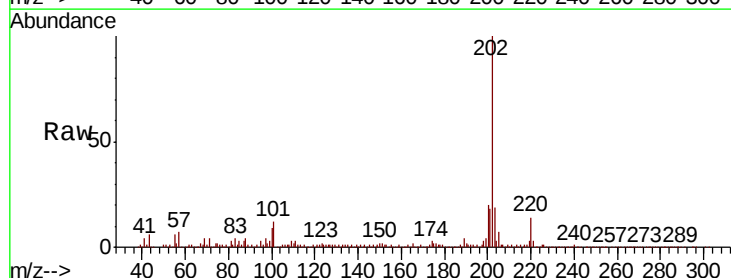
Tgt Ion:202 Resp: 393023

Ion Ratio Lower Upper

202 100

200 20.4 17.8 26.6

203 19.5 14.2 21.4

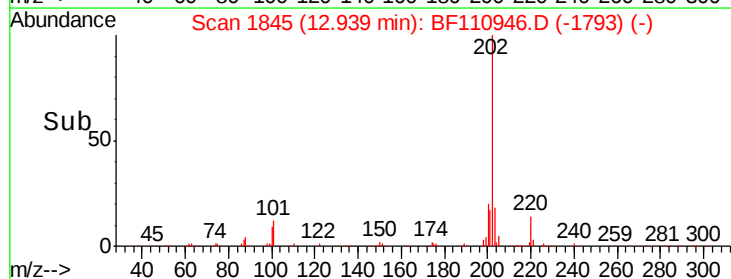
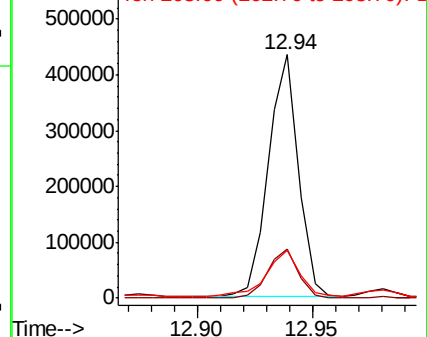


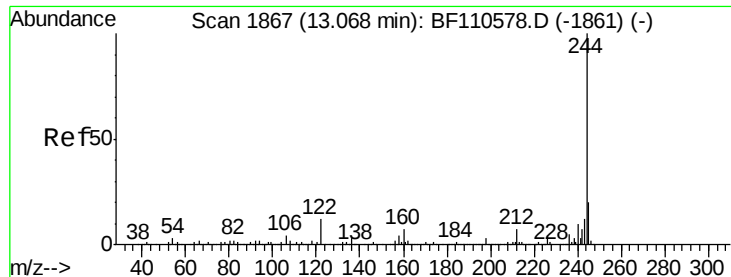
Abundance

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

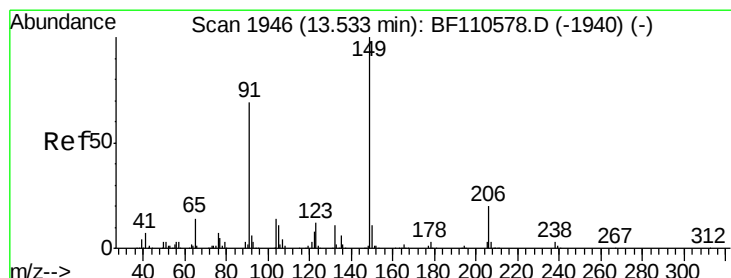
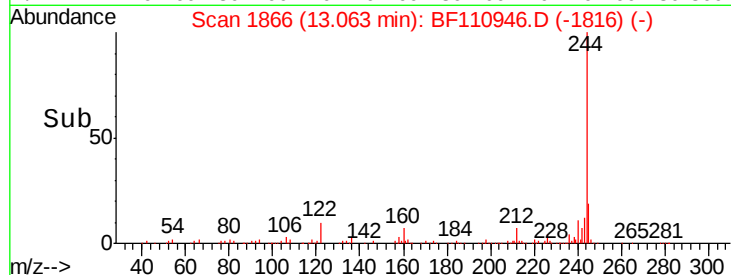
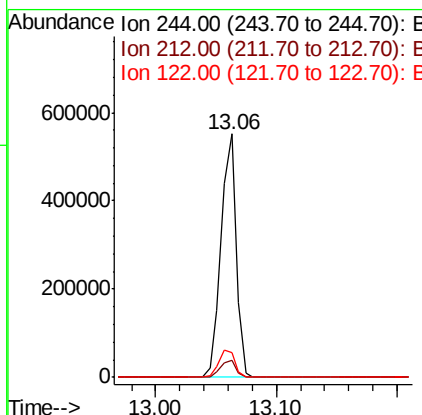
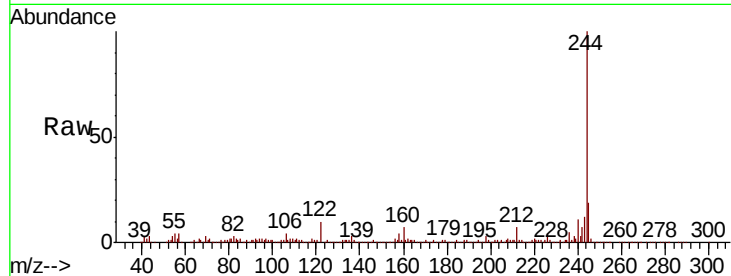




#79
 Terphenyl-d14
 Concen: 65.787 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

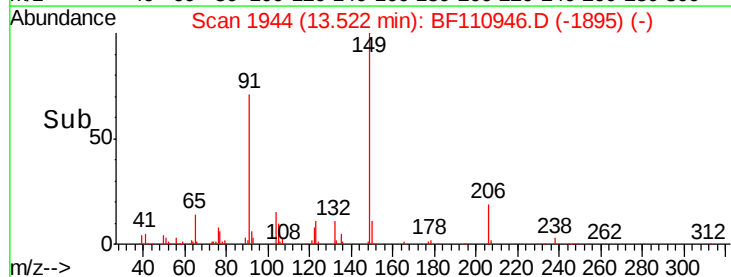
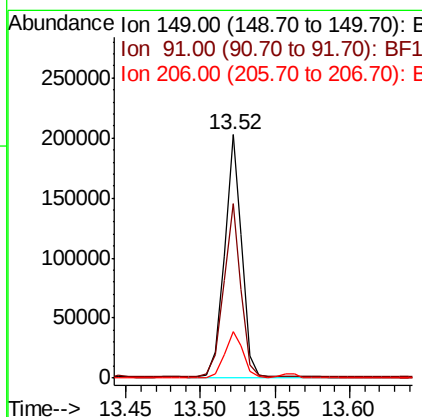
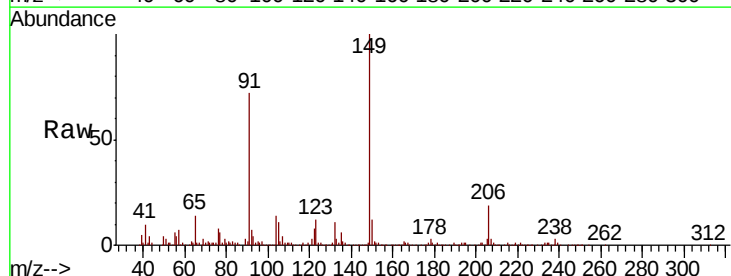
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

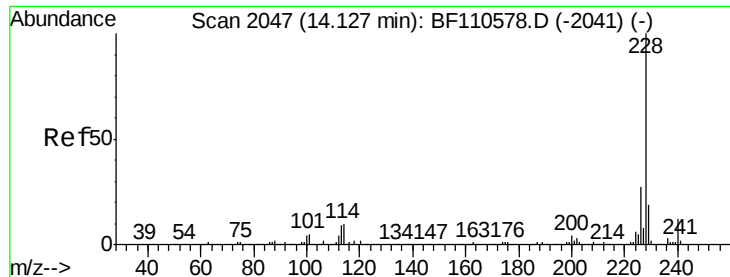
Tgt Ion:244 Resp: 476398
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.3 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 36.714 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:149 Resp: 165009
 Ion Ratio Lower Upper
 149 100
 91 71.6 57.2 85.8
 206 19.2 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.416 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

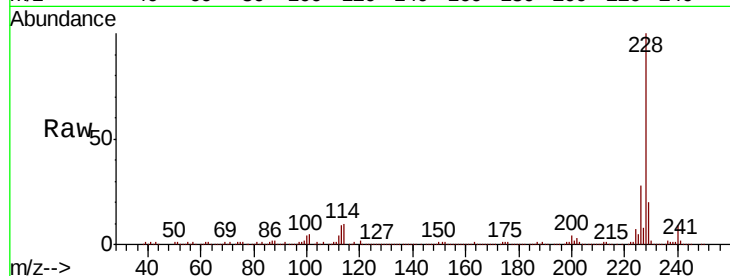
Tgt Ion:228 Resp: 351925

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 20.1 15.6 23.4

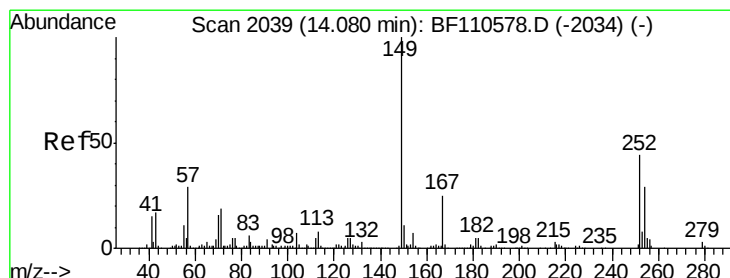
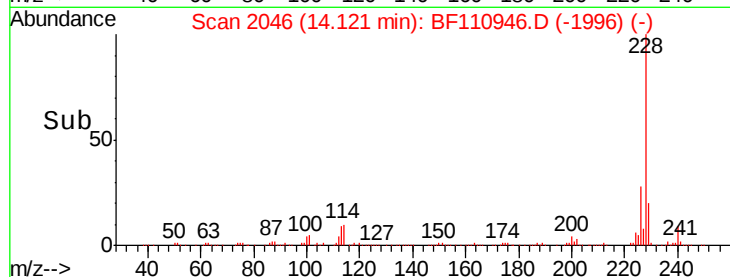
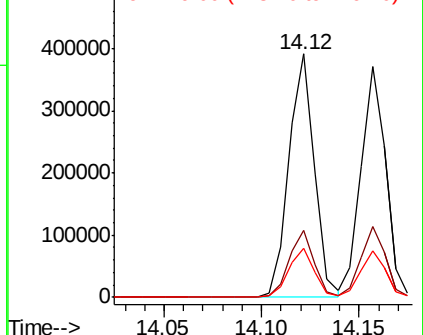


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.271 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

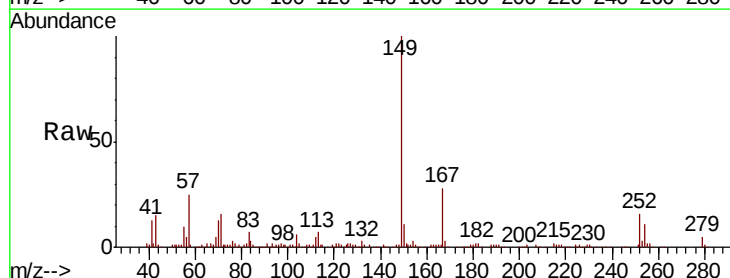
Tgt Ion:252 Resp: 22459

Ion Ratio Lower Upper

252 100

254 64.2 51.3 76.9

126 12.7 9.4 14.2

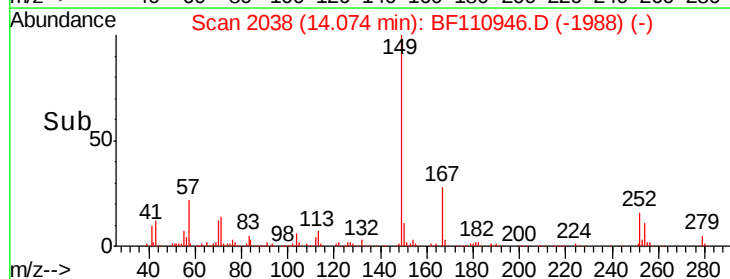
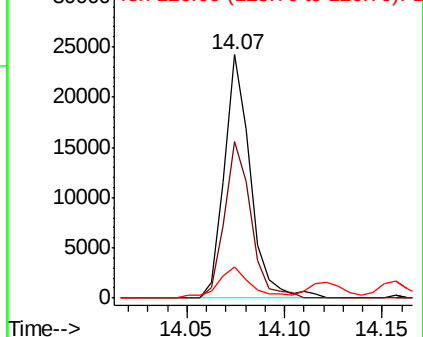


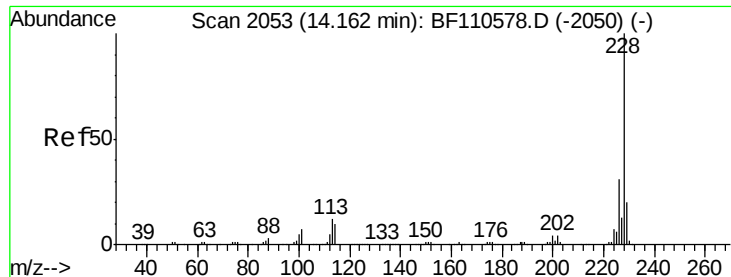
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.525 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

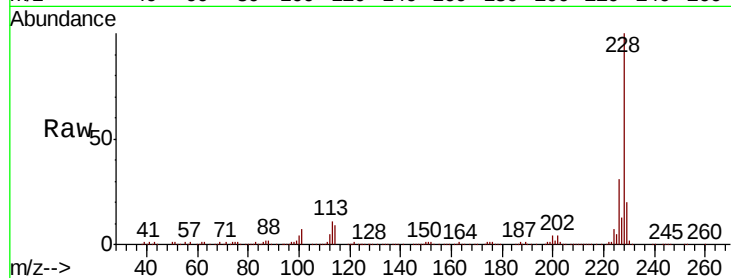
Tgt Ion:228 Resp: 328406

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

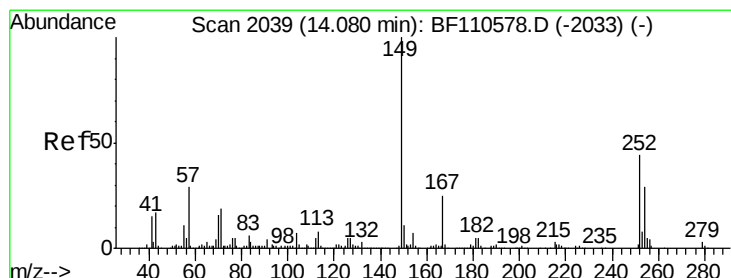
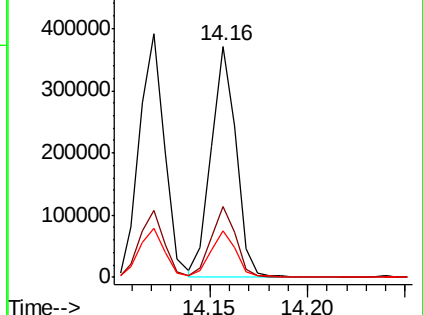
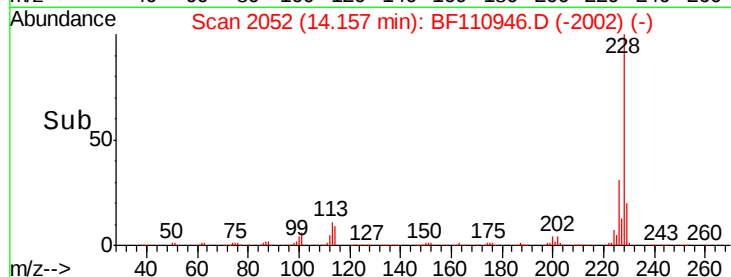
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.141 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

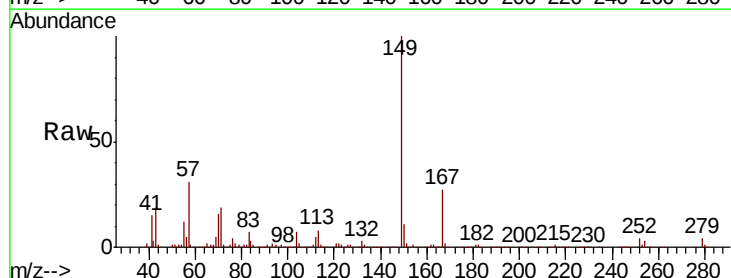
Tgt Ion:149 Resp: 234954

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

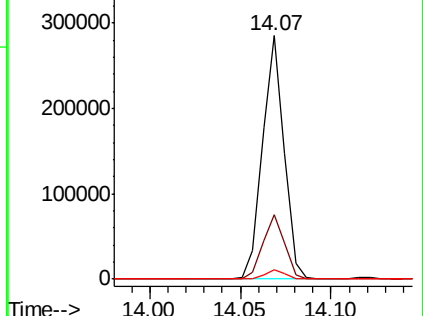
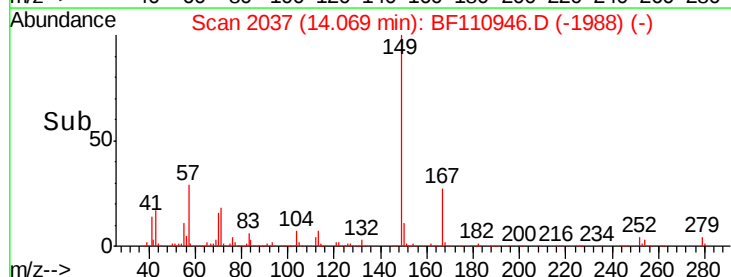
279 3.8 2.7 4.1

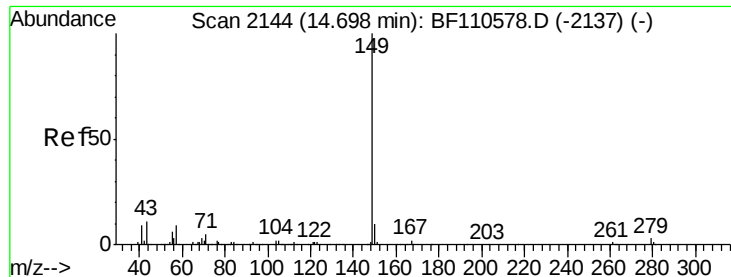


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

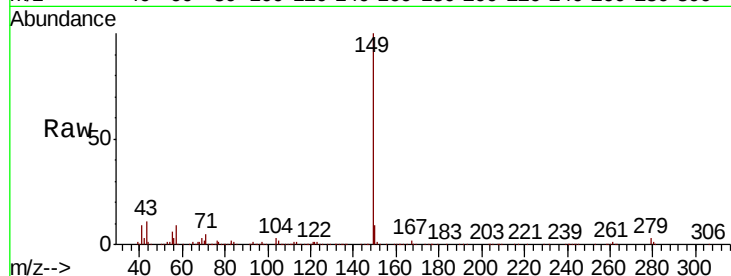




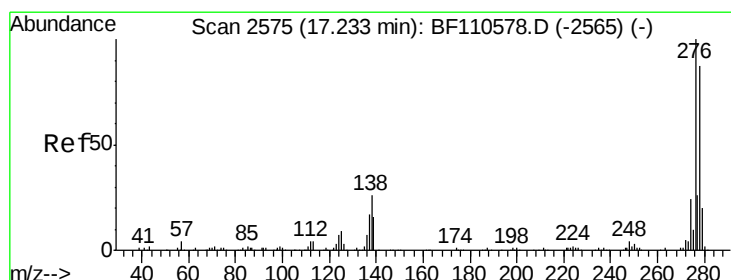
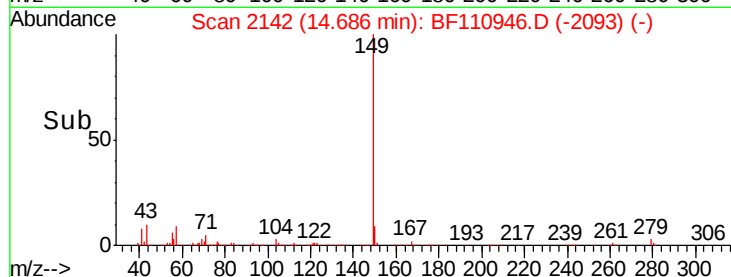
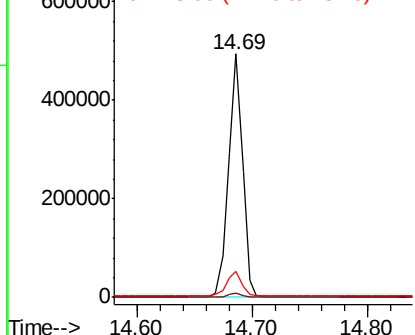
#85
Di-n-octyl phthalate
Concen: 50.575 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

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

Tgt Ion:149 Resp: 414657
Ion Ratio Lower Upper
149 100
167 1.9 1.1 1.7#
43 10.2 7.8 11.8

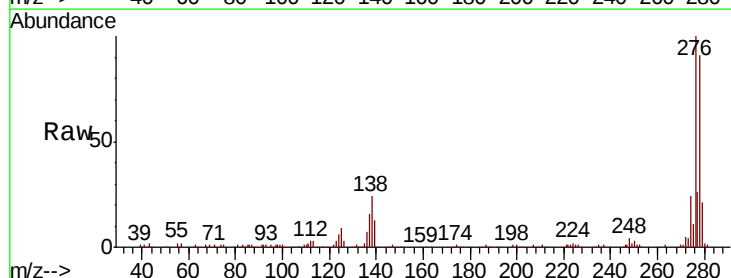


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

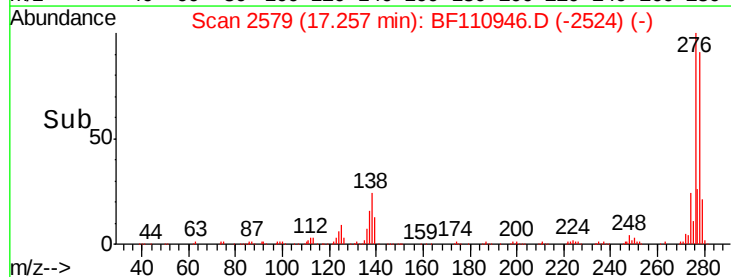
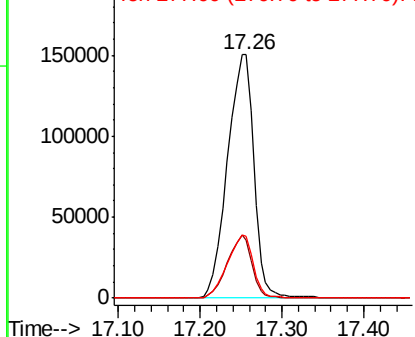


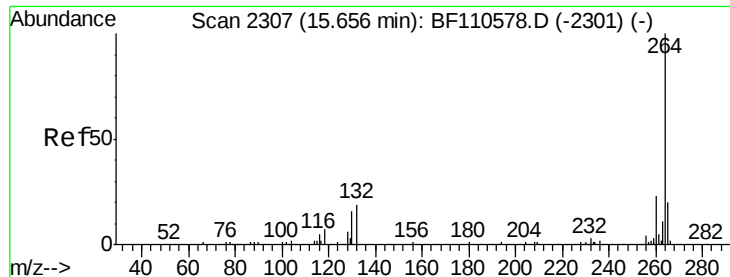
#86
Indeno(1,2,3-cd)pyrene
Concen: 61.324 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:276 Resp: 339835
Ion Ratio Lower Upper
276 100
138 24.2 18.5 27.7
277 25.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

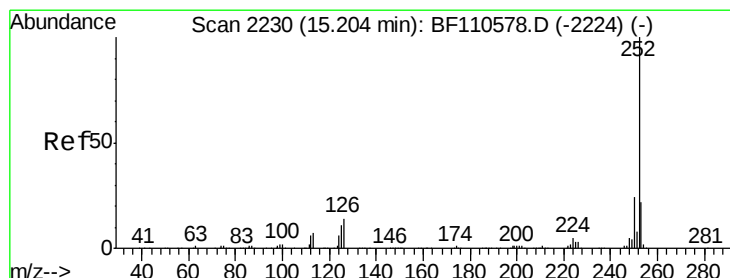
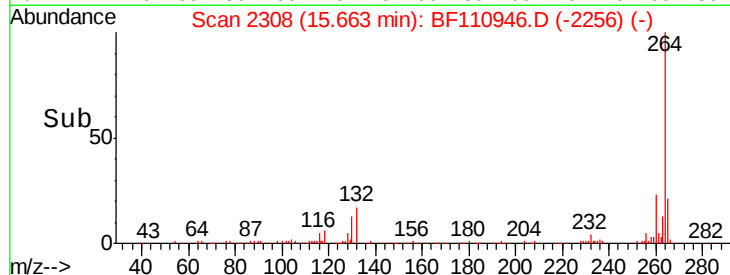
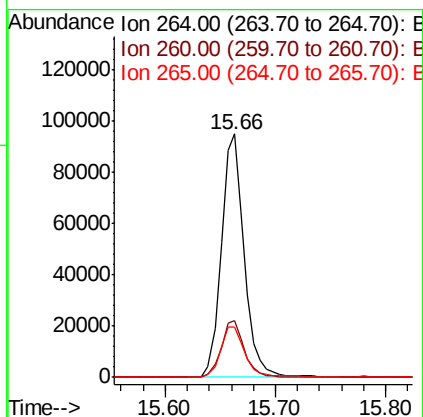
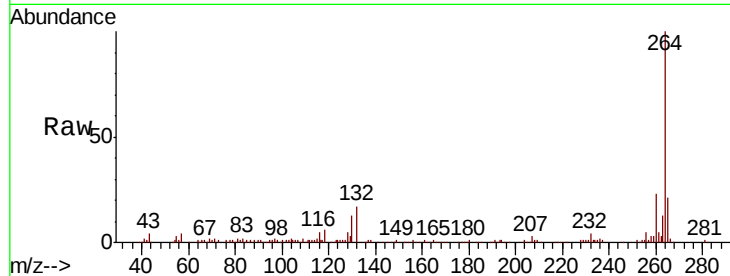




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

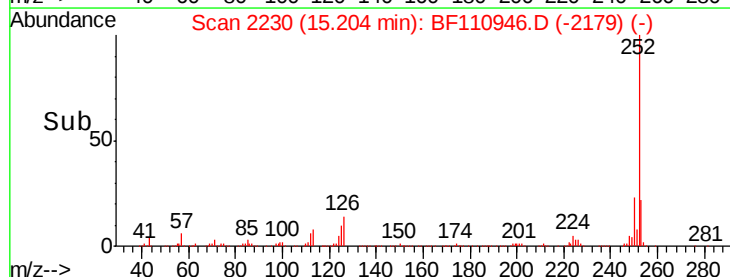
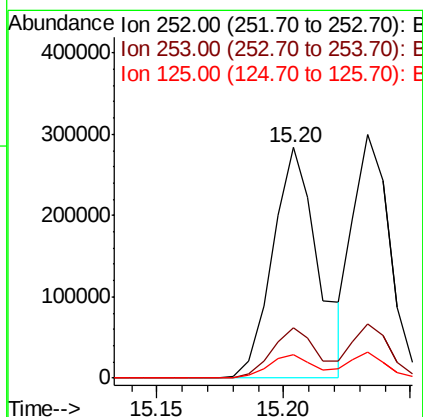
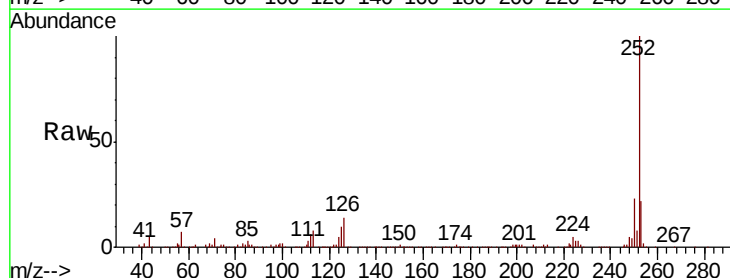
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

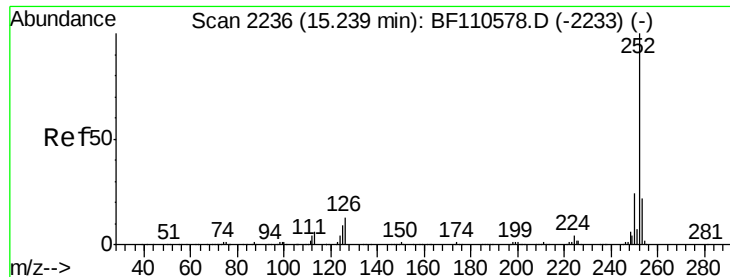
Tgt Ion: 264 Resp: 136542
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 20.6 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 43.551 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion: 252 Resp: 355743
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 37.484 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

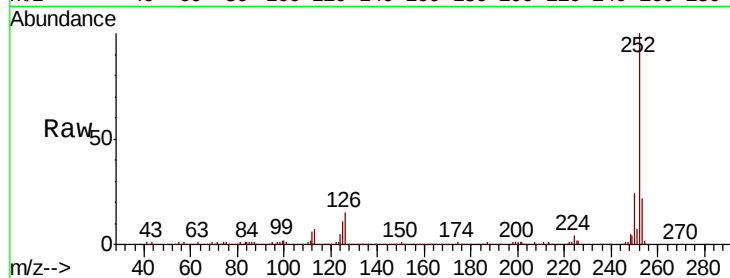
Tgt Ion:252 Resp: 302549

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

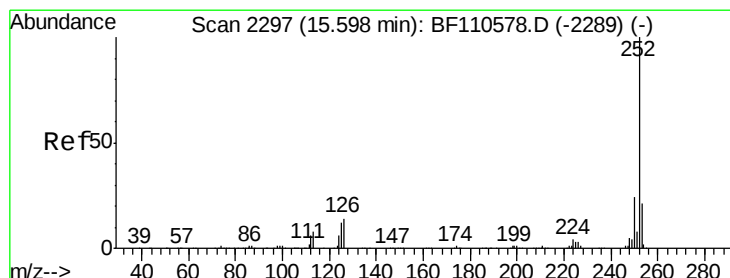
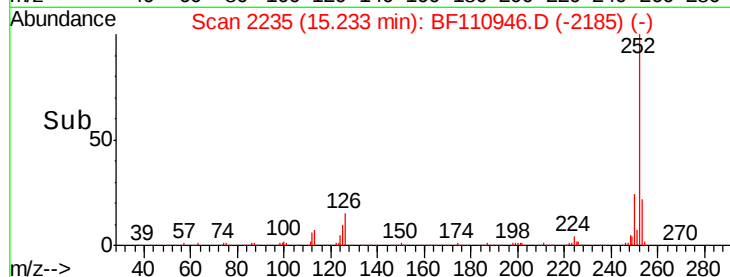
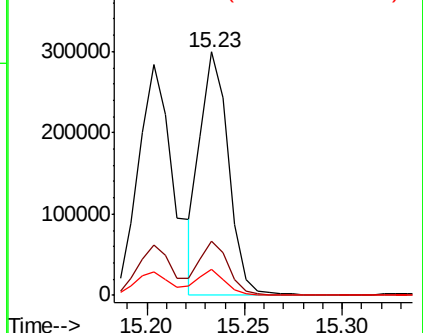
125 10.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.271 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

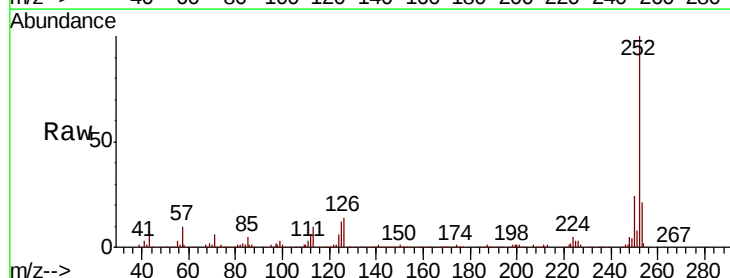
Tgt Ion:252 Resp: 328563

Ion Ratio Lower Upper

252 100

253 20.8 18.2 27.4

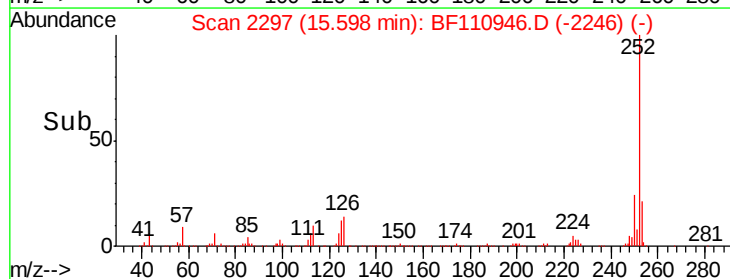
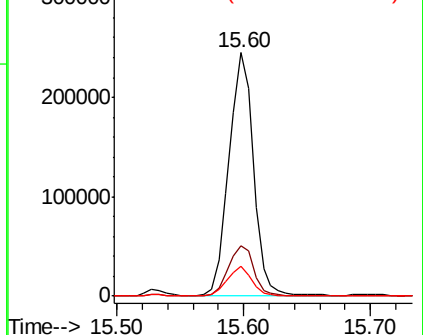
125 12.0 9.0 13.6

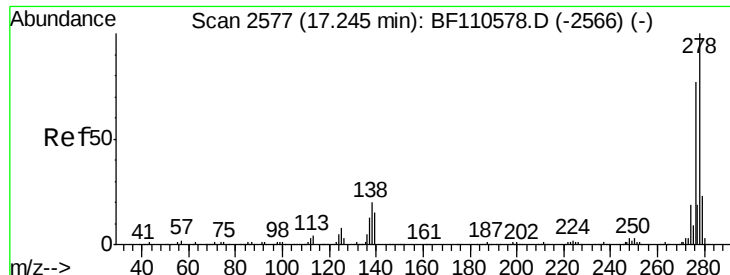


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.145 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

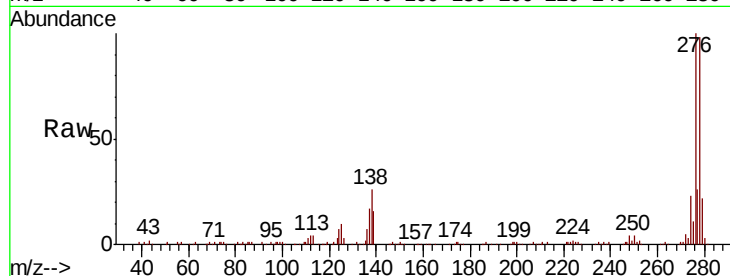
Tgt Ion:278 Resp: 283536

Ion Ratio Lower Upper

278 100

139 16.3 12.7 19.1

279 23.0 19.0 28.4

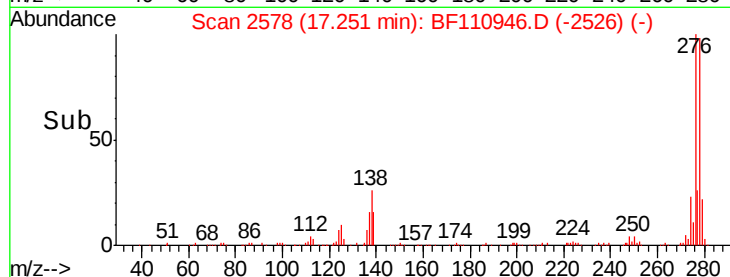


Abundance Ion 278.00 (277.70 to 278.70): E

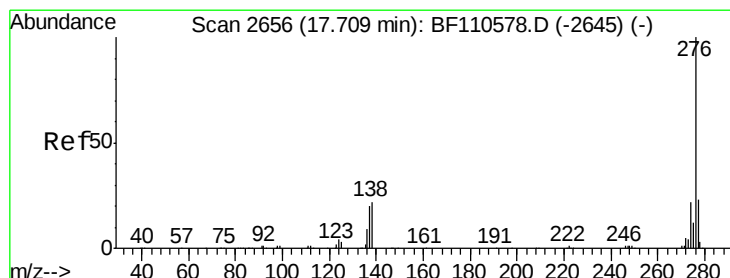
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

17.25



Time--> 17.10 17.20 17.30 17.40



#92

Benzo(g,h,i)perylene

Concen: 42.920 ng

RT: 17.73 min Scan# 2659

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

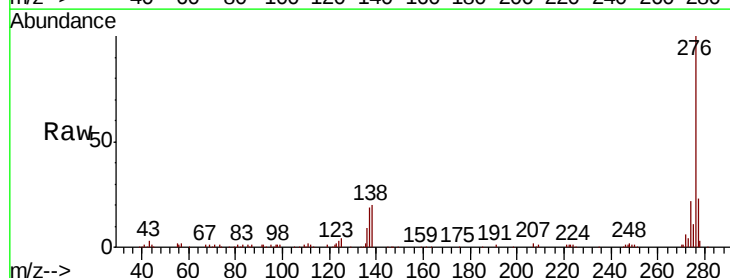
Tgt Ion:276 Resp: 267454

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 19.6 16.0 24.0

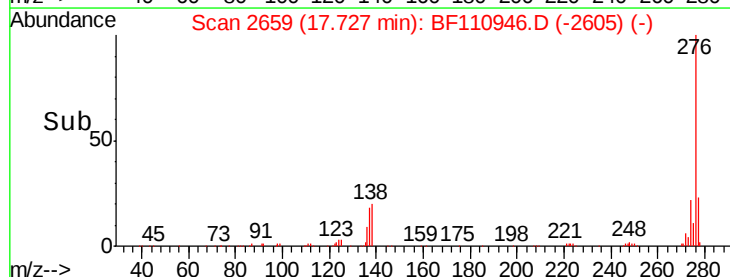


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

17.73



Time--> 17.60 17.70 17.80 17.90