

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112318\
 Data File : BF110945.D
 Acq On : 23 Nov 2018 15:45
 Operator : JU/SJ
 Sample : J6003-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 23 20:05:07 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	54490	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	188164	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	90471	20.00	ng	0.01
64) Phenanthrene-d10	11.50	188	132128	20.00	ng	0.01
76) Chrysene-d12	14.13	240	132479	20.00	ng	0.00
87) Perylene-d12	15.66	264	134994	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	450656	134.34	ng	0.00
7) Phenol-d6	6.57	99	553383	129.00	ng	0.00
23) Nitrobenzene-d5	7.51	82	345475	105.74	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	92307	101.26	ng	0.02
45) 2-Fluorobiphenyl	9.31	172	500043	78.94	ng	0.00
79) Terphenyl-d14	13.06	244	471339	66.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	47970	28.699	ng	# 84
3) Pyridine	3.59	79	130457	36.159	ng	# 85
4) n-Nitrosodimethylamine	3.53	42	71713	46.325	ng	# 84
6) Aniline	6.61	93	76937	13.753	ng	# 57
8) 2-Chlorophenol	6.73	128	158110	40.205	ng	97
9) Benzaldehyde	6.50	77	66067	26.138	ng	98
10) Phenol	6.58	94	214133	43.049	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	142566	38.244	ng	94
12) 1,3-Dichlorobenzene	6.88	146	161303	37.487	ng	98
13) 1,4-Dichlorobenzene	6.96	146	166600	38.129	ng	97
14) 1,2-Dichlorobenzene	7.11	146	155043	38.143	ng	98
15) Benzyl Alcohol	7.08	79	138608	41.289	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	213973	36.551	ng	82
17) 2-Methylphenol	7.19	107	120952	38.645	ng	# 87
18) Hexachloroethane	7.45	117	61592	38.183	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	130315	47.590	ng	97
20) 3+4-Methylphenols	7.35	107	155533	38.712	ng	# 75
22) Acetophenone	7.35	105	213519	48.690	ng	# 92
24) Nitrobenzene	7.53	77	164646	49.183	ng	95
25) Isophorone	7.76	82	334481	62.459	ng	# 88
26) 2-Nitrophenol	7.85	139	81607	48.866	ng	# 76
27) 2,4-Dimethylphenol	7.87	122	139113	54.696	ng	92
28) bis(2-Chloroethoxy)methane	7.96	93	166086	45.806	ng	# 82
29) 2,4-Dichlorophenol	8.09	162	123400	47.153	ng	90
30) 1,2,4-Trichlorobenzene	8.17	180	114468	38.794	ng	95
31) Naphthalene	8.25	128	452122	51.184	ng	# 91
32) Benzoic acid	8.00	122	12908	7.173	ng	# 35
33) 4-Chloroaniline	8.30	127	45658	11.411	ng	# 56
34) Hexachlorobutadiene	8.36	225	68550	40.674	ng	97
35) Caprolactam	8.65	113	148292	169.603	ng	# 38
36) 4-Chloro-3-methylphenol	8.79	107	125280	44.387	ng	94
37) 2-Methylnaphthalene	8.97	142	2283951	394.421	ng	98
38) 1-Methylnaphthalene	9.07	142	1458815	261.956	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	92749	32.387	ng	# 94

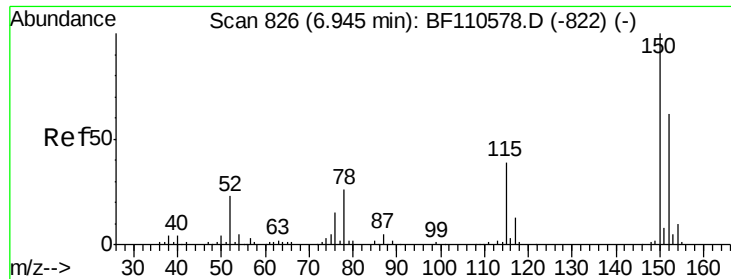
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112318\
 Data File : BF110945.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	16498	20.993	ng	97
43) 2,4,6-Trichlorophenol	9.23	196	58578	32.551	ng	98
44) 2,4,5-Trichlorophenol	9.28	196	64470	33.585	ng #	23
46) 1,1'-Biphenyl	9.42	154	284839	33.750	ng	100
47) 2-Chloronaphthalene	9.45	162	203737	33.508	ng #	89
48) 2-Nitroaniline	9.55	65	83180	44.394	ng #	71
49) Acenaphthylene	9.87	152	343706	39.252	ng #	79
50) Dimethylphthalate	9.72	163	165183	24.469	ng #	83
51) 2,6-Dinitrotoluene	9.79	165	50026	33.687	ng #	29
52) Acenaphthene	10.04	154	275663	49.815	ng #	80
53) 3-Nitroaniline	9.96	138	53181	30.911	ng #	86
54) 2,4-Dinitrophenol	10.06	184	1463	7.029	ng #	1
55) Dibenzofuran	10.22	168	323695	39.981	ng #	60
56) 4-Nitrophenol	10.12	139	131880	115.542	ng #	78
57) 2,4-Dinitrotoluene	10.22	165	92359	47.833	ng #	83
58) Fluorene	10.56	166	399534	64.247	ng #	88
59) 2,3,4,6-Tetrachlorophenol	10.34	232	42188	27.937	ng #	37
60) Diethylphthalate	10.41	149	209823	31.417	ng	96
61) 4-Chlorophenyl-phenylether	10.54	204	95065	29.525	ng #	76
62) 4-Nitroaniline	10.58	138	52073	30.057	ng	92
63) Azobenzene	10.70	77	230737	35.411	ng #	70
65) 4,6-Dinitro-2-methylphenol	10.63	198	16136	24.232	ng #	1
66) n-Nitrosodiphenylamine	10.66	169	635601	142.716	ng #	64
67) 4-Bromophenyl-phenylether	11.03	248	53709	36.780	ng #	70
68) Hexachlorobenzene	11.13	284	55901	36.309	ng #	77
69) Atrazine	11.18	200	74022	54.358	ng	95
70) Pentachlorophenol	11.31	266	39800	48.448	ng	95
71) Phenanthrene	11.53	178	821987	116.120	ng	97
72) Anthracene	11.53	178	821062	114.983	ng	97
73) Carbazole	11.73	167	281558	41.057	ng #	93
74) Di-n-butylphthalate	12.03	149	327211	40.688	ng #	96
75) Fluoranthene	12.71	202	361265	50.905	ng	98
77) Benzidine	12.82	184	94616	25.971	ng	96
78) Pyrene	12.94	202	391513	38.381	ng	96
80) Butylbenzylphthalate	13.52	149	156939	35.746	ng	99
81) Benzo(a)anthracene	14.12	228	346072	43.705	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	40490	15.264	ng	97
83) Chrysene	14.16	228	325175	43.104	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	226511	41.589	ng	96
85) Di-n-octyl phthalate	14.69	149	404891	50.554	ng #	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	353260	65.256	ng	99
88) Benzo(b)fluoranthene	15.20	252	344830	42.699	ng	99
89) Benzo(k)fluoranthene	15.23	252	302085	37.856	ng	99
90) Benzo(a)pyrene	15.60	252	320708	43.708	ng	98
91) Dibenzo(a,h)anthracene	17.25	278	292405	47.091	ng	98
92) Benzo(g,h,i)perylene	17.73	276	282879	45.916	ng	97

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

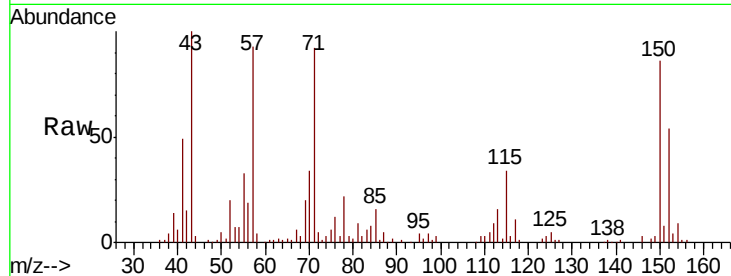


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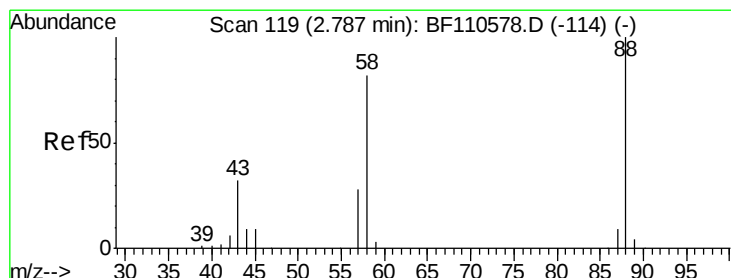
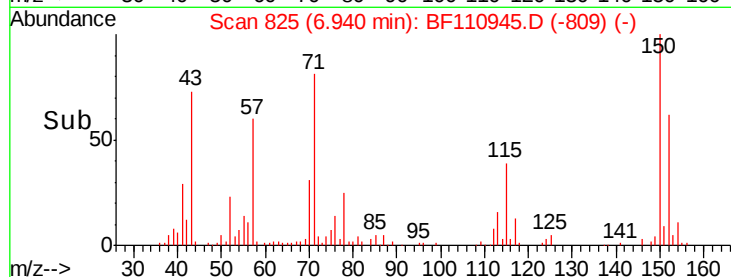
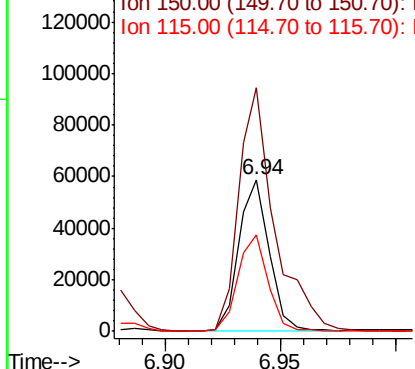
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tgt Ion:152 Resp: 54490
Ion Ratio Lower Upper
152 100
150 160.1 122.7 184.1
115 63.2 49.1 73.7



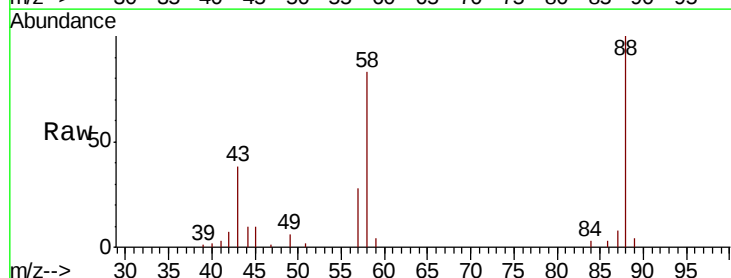
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



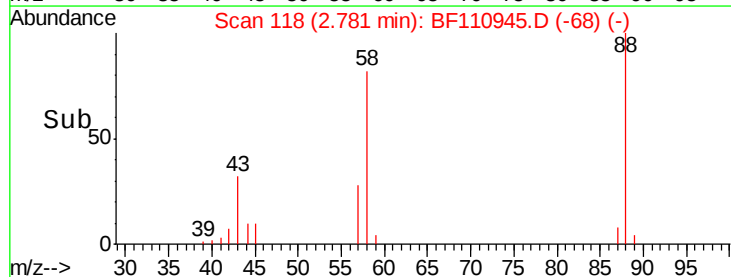
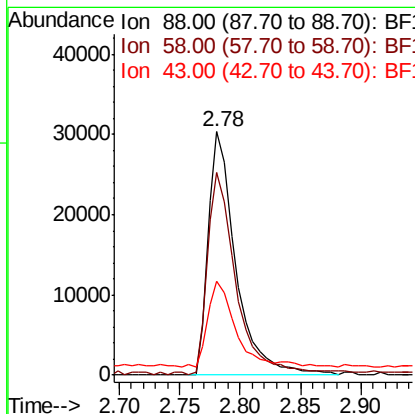
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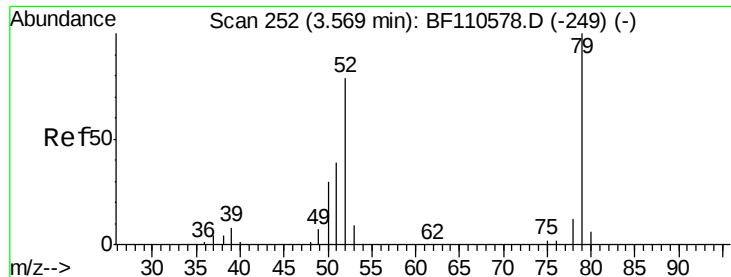
1,4-Dioxane
Concen: 28.699 ng
RT: 2.78 min Scan# 118
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion: 88 Resp: 47970
Ion Ratio Lower Upper
88 100
58 86.8 57.1 85.7#
43 35.7 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: 36.159 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

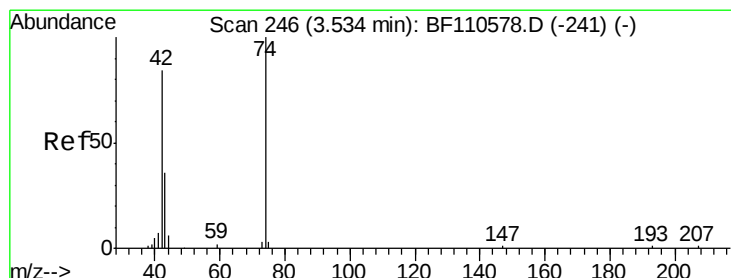
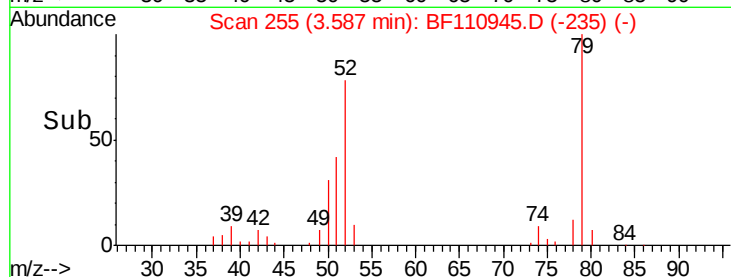
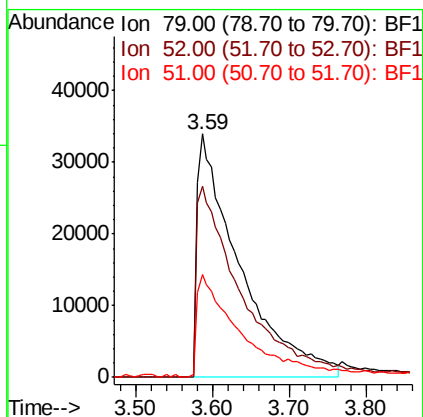
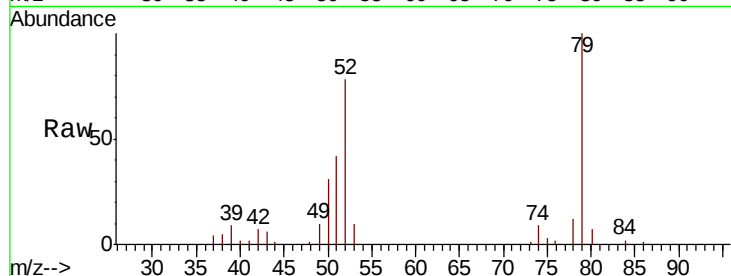
Tgt Ion: 79 Resp: 130457

Ion Ratio Lower Upper

79 100

52 78.4 53.1 79.7

51 42.2 27.4 41.2#



#4

n-Nitrosodimethylamine

Concen: 46.325 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

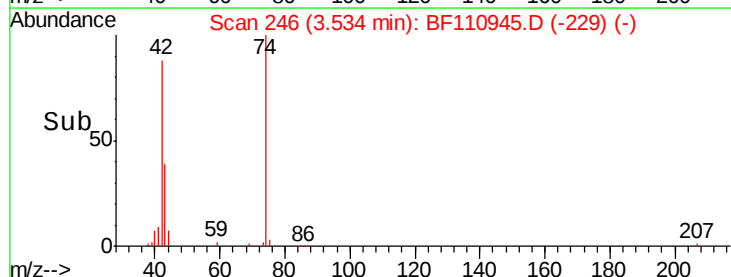
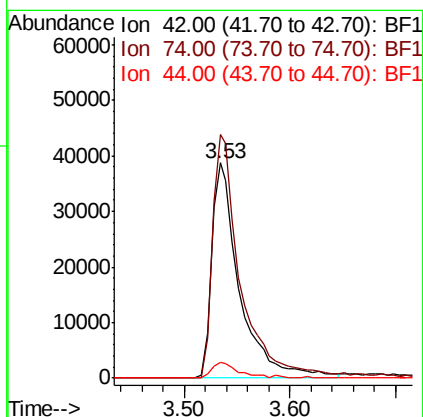
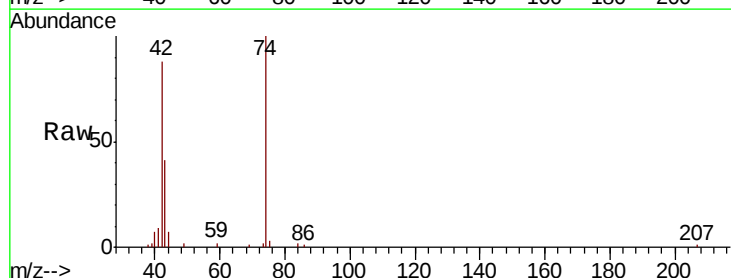
Tgt Ion: 42 Resp: 71713

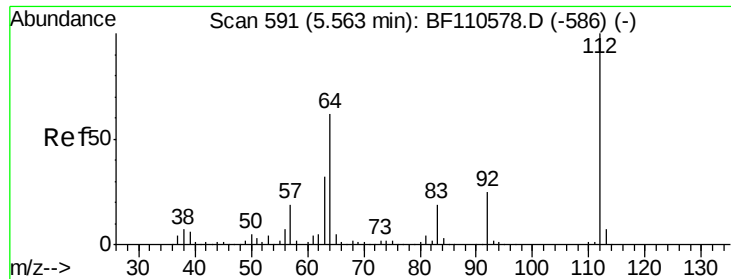
Ion Ratio Lower Upper

42 100

74 113.1 105.5 158.3

44 7.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 134.338 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

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ClientSampleId :

NON-UST-03R-AMS

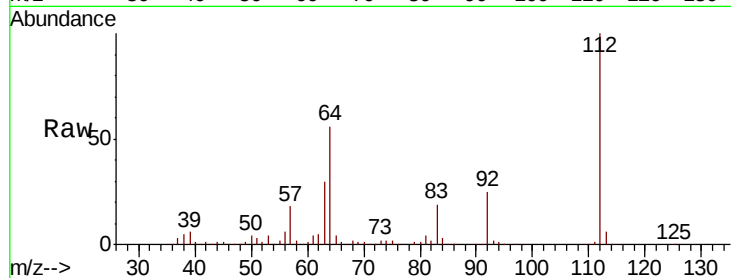
Tgt Ion: 112 Resp: 450656

Ion Ratio Lower Upper

112 100

64 56.0 44.1 66.1

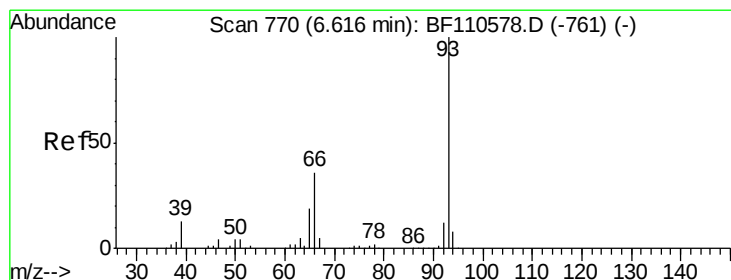
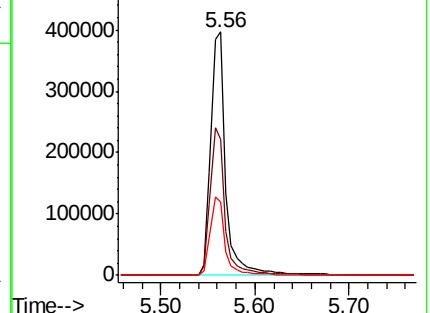
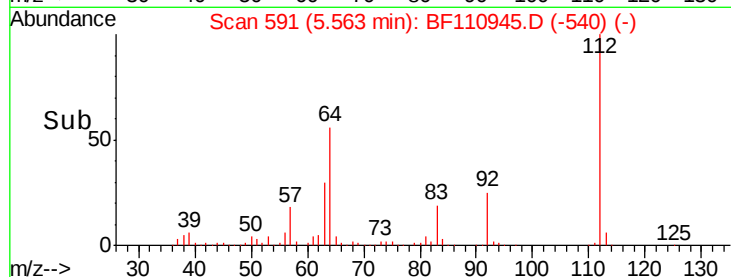
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.753 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

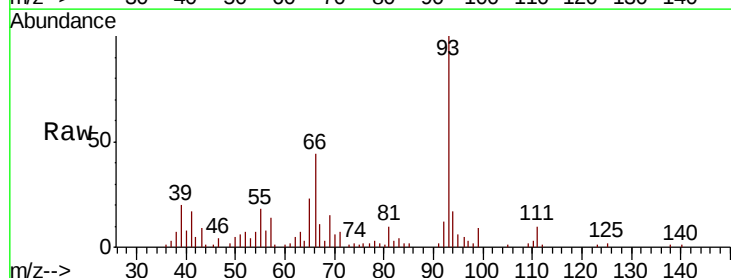
Tgt Ion: 93 Resp: 76937

Ion Ratio Lower Upper

93 100

66 43.9 67.4 101.0#

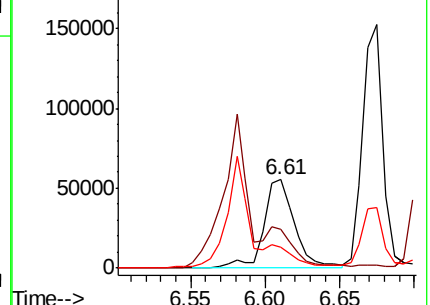
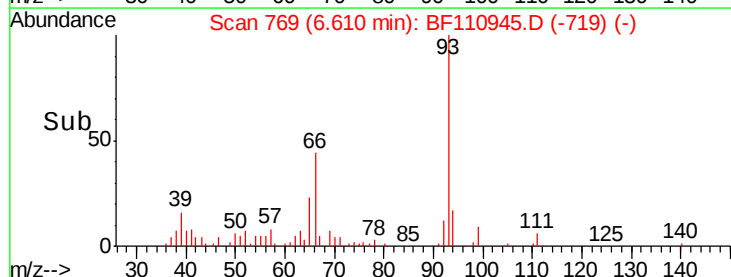
65 23.3 41.0 61.4#

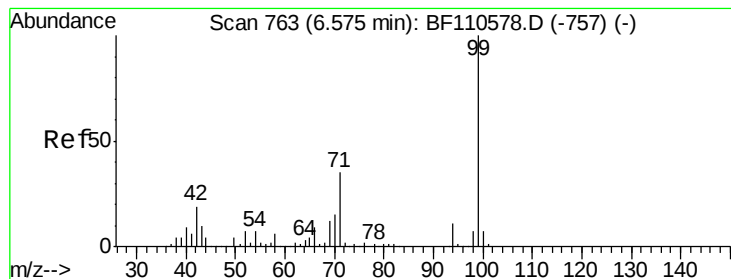


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.000 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

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NON-UST-03R-AMS

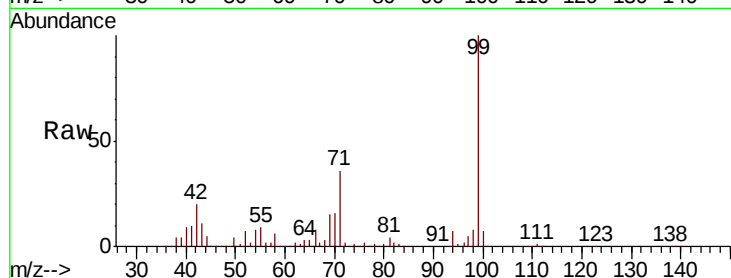
Tgt Ion: 99 Resp: 553383

Ion Ratio Lower Upper

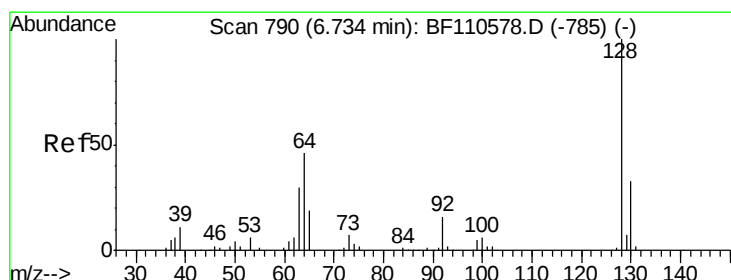
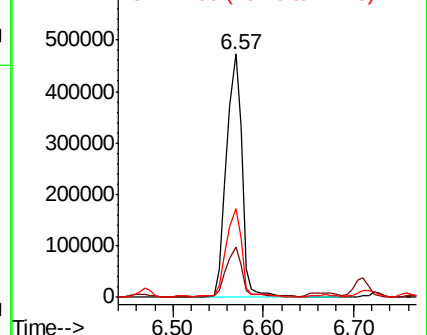
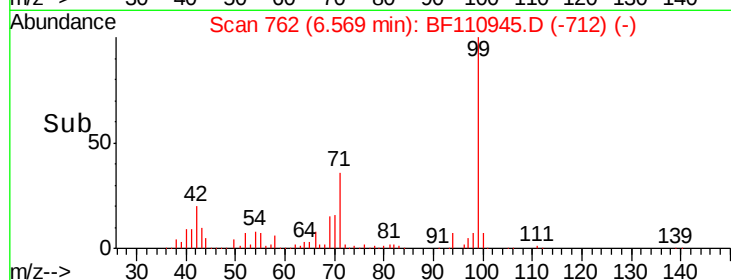
99 100

42 20.5 15.8 23.6

71 36.4 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: 40.205 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

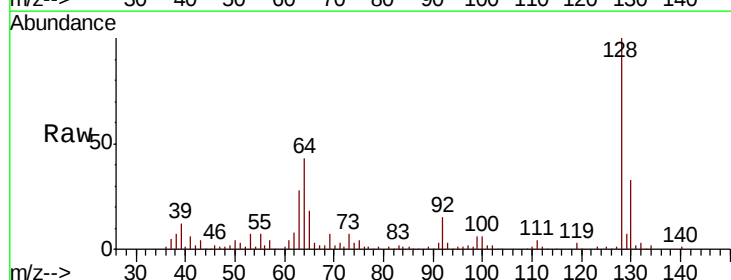
Tgt Ion: 128 Resp: 158110

Ion Ratio Lower Upper

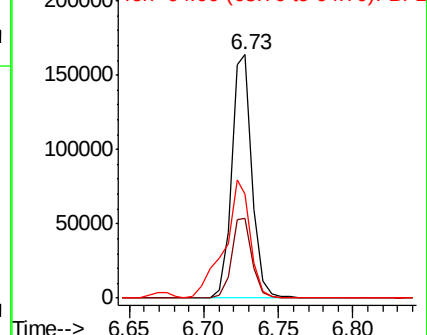
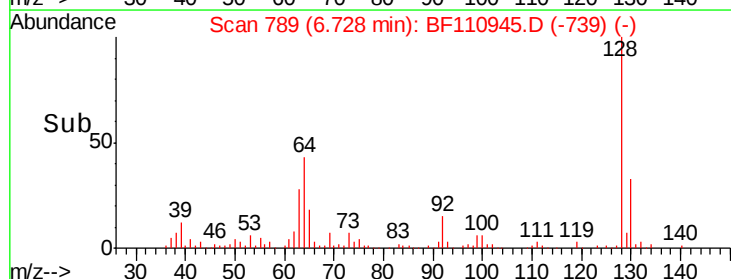
128 100

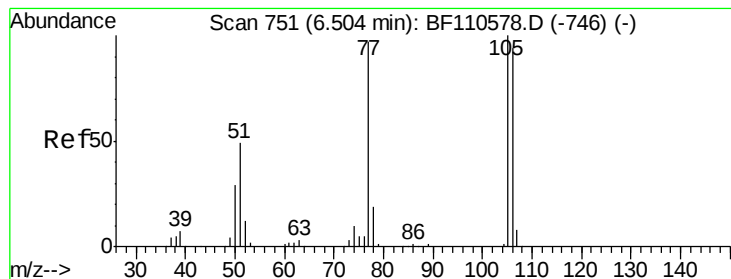
130 33.0 13.1 53.1

64 42.9 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: 26.138 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

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NON-UST-03R-AMS

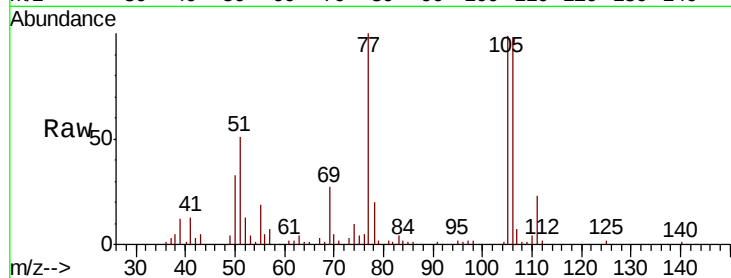
Tgt Ion: 77 Resp: 66067

Ion Ratio Lower Upper

77 100

105 99.4 78.6 118.6

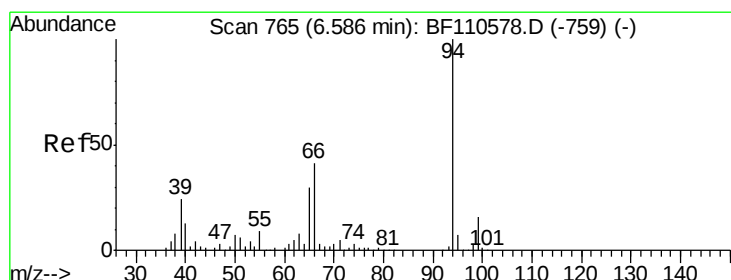
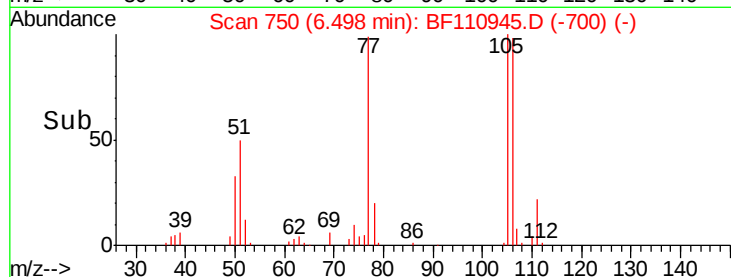
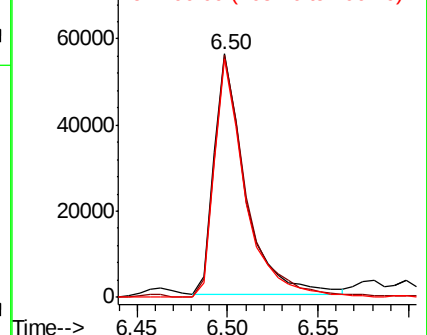
106 97.8 74.8 114.8



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: 43.049 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

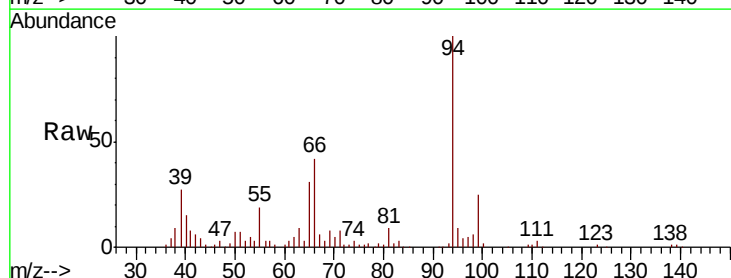
Tgt Ion: 94 Resp: 214133

Ion Ratio Lower Upper

94 100

65 30.8 25.3 65.3

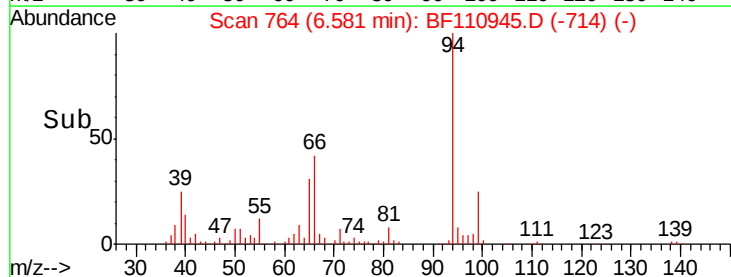
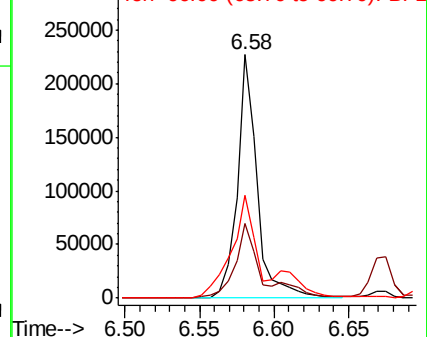
66 42.4 54.5 94.5#



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

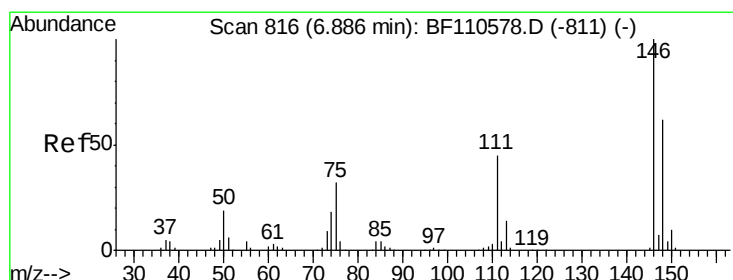
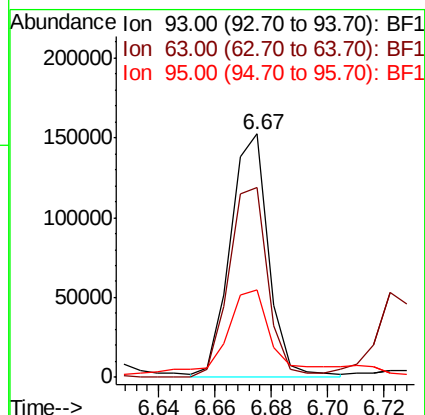
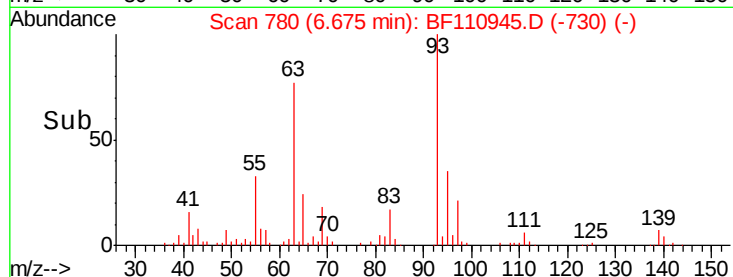
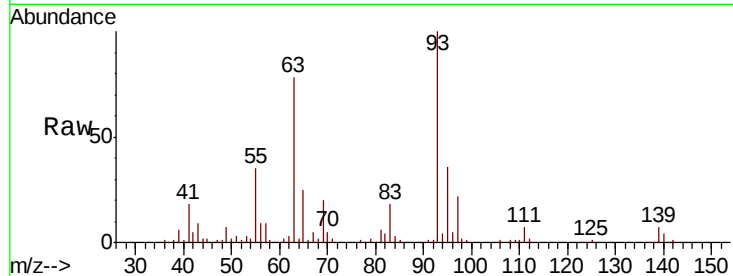




#11
bis(2-Chloroethyl)ether
Concen: 38.244 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

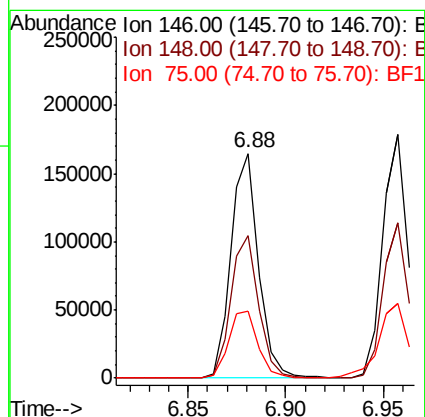
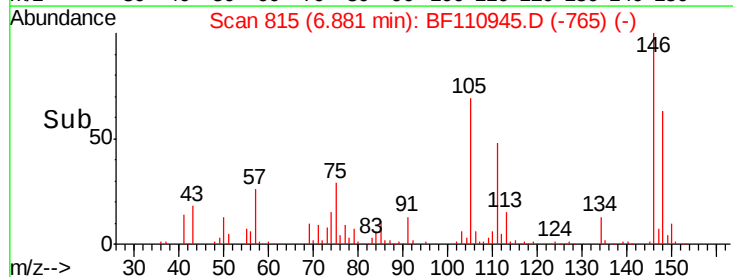
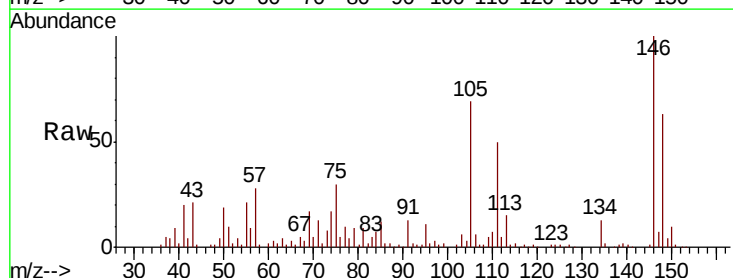
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMS

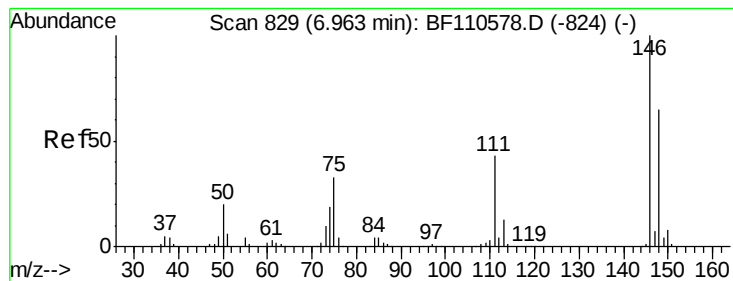
Tgt Ion: 93 Resp: 142566
Ion Ratio Lower Upper
93 100
63 77.7 53.4 93.4
95 35.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 37.487 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion: 146 Resp: 161303
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
75 29.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.129 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

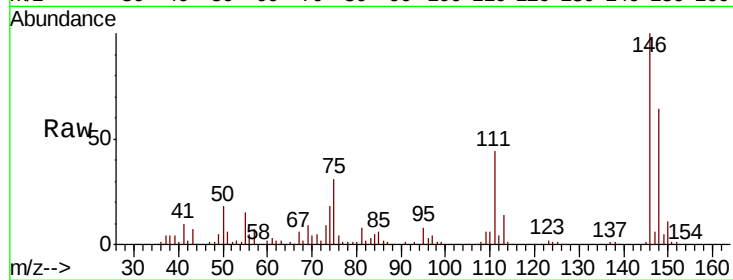
Tgt Ion:146 Resp: 166600

Ion Ratio Lower Upper

146 100

148 63.7 50.3 75.5

111 44.5 32.7 49.1

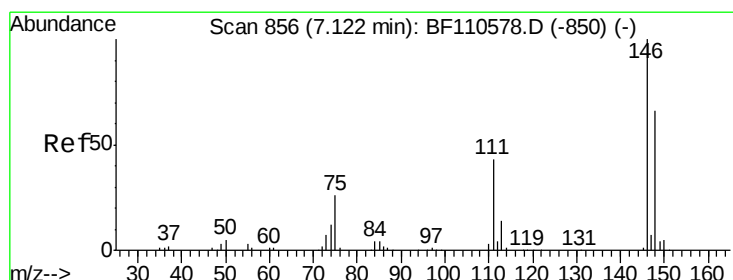
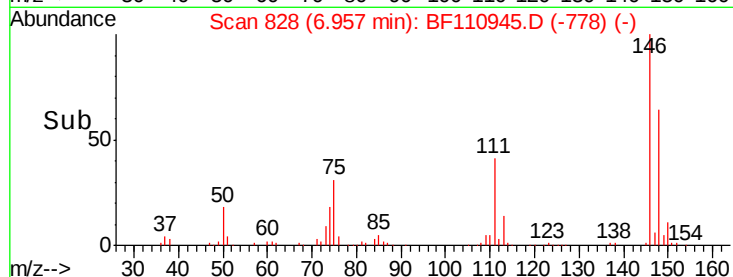
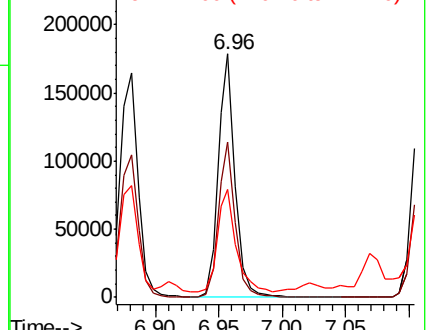


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.143 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

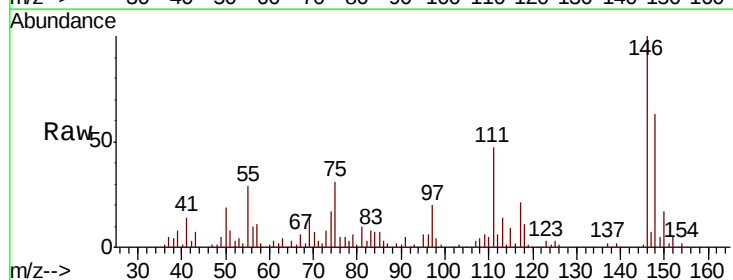
Tgt Ion:146 Resp: 155043

Ion Ratio Lower Upper

146 100

148 62.8 51.1 76.7

111 47.1 35.8 53.6

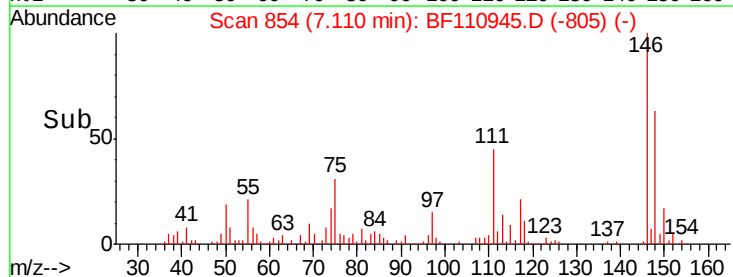
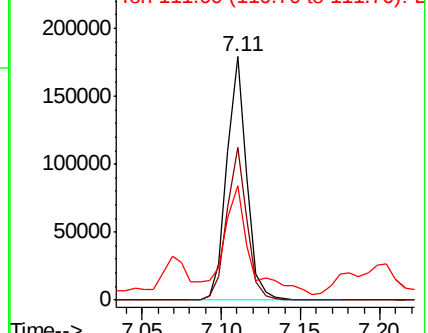


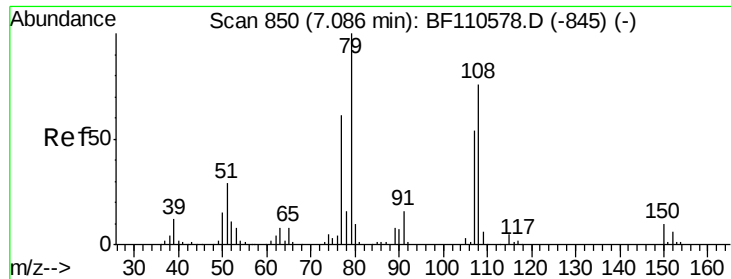
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

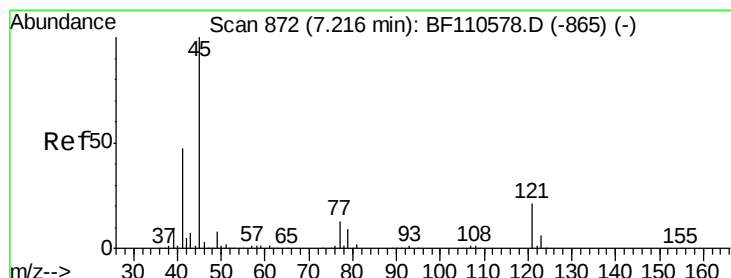
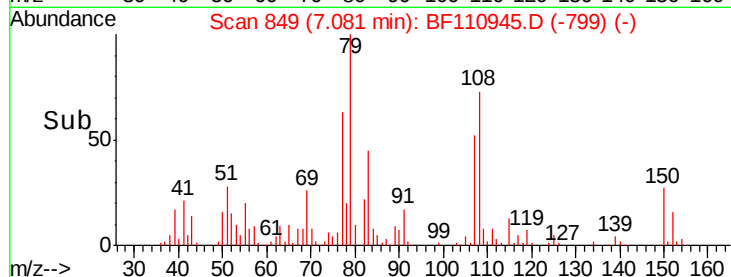
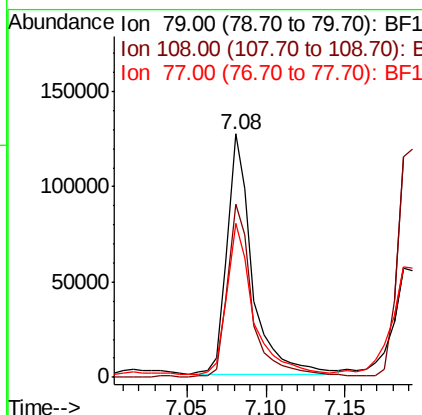
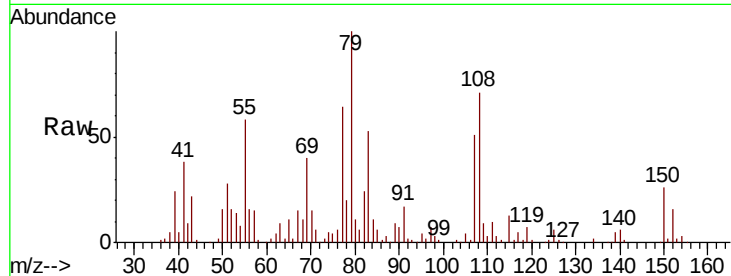




#15
Benzyl Alcohol
Concen: 41.289 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

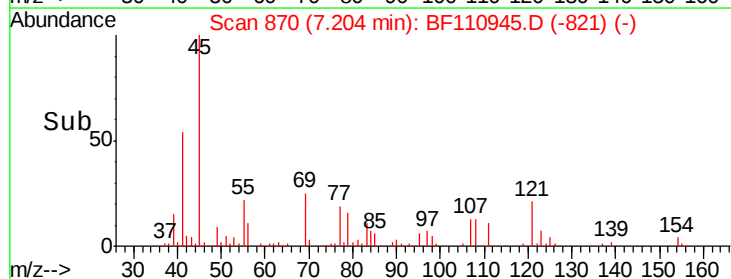
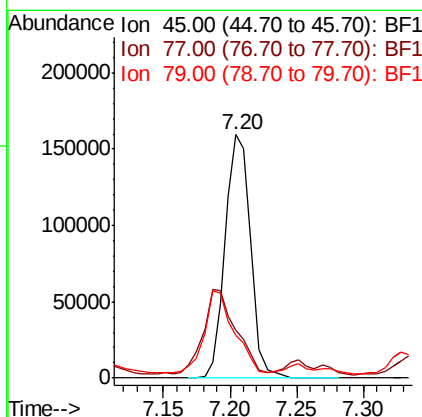
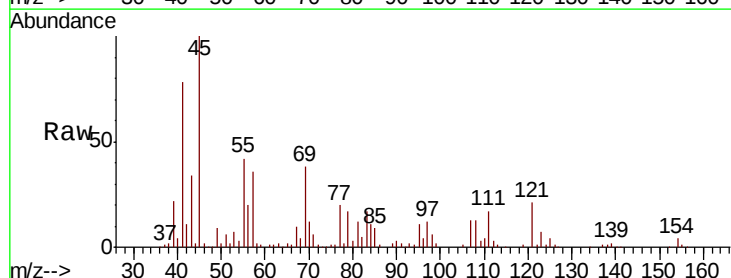
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMS

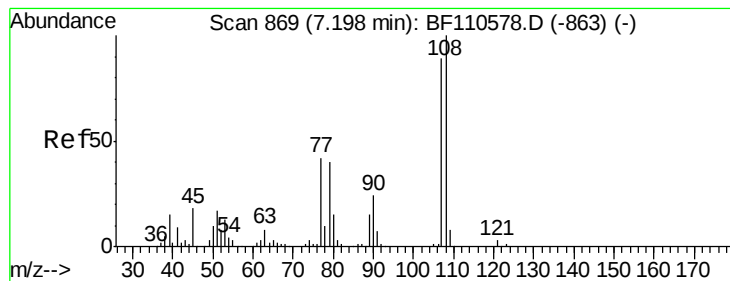
Tgt Ion: 79 Resp: 138608
Ion Ratio Lower Upper
79 100
108 71.4 56.3 84.5
77 63.5 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.551 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion: 45 Resp: 213973
Ion Ratio Lower Upper
45 100
77 19.9 10.0 50.0
79 17.4 6.1 46.1





#17

2-Methylphenol

Concen: 38.645 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:107 Resp: 120952

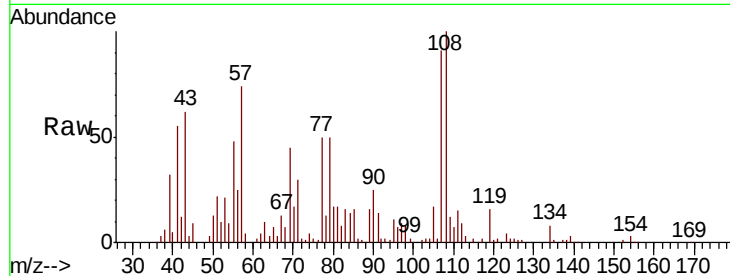
Ion Ratio Lower Upper

107 100

108 109.7 92.6 138.8

77 54.6 59.4 89.2#

79 54.4 54.0 81.0

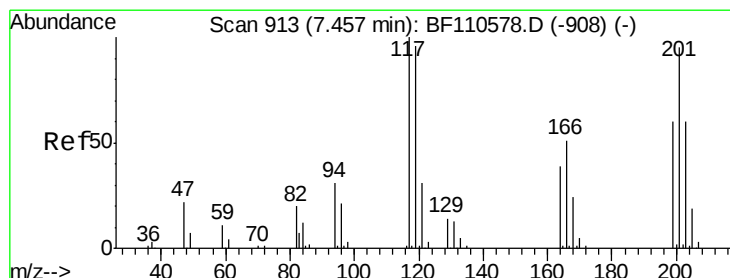
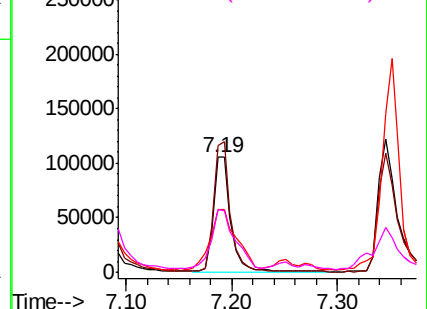
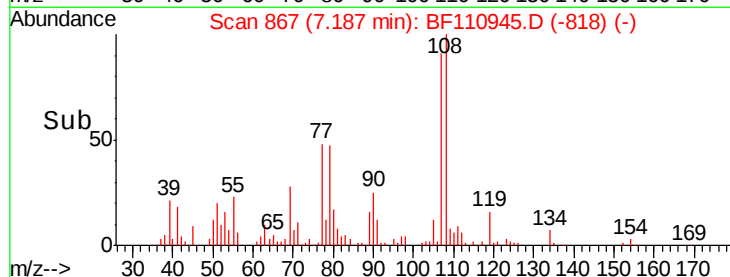


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.183 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

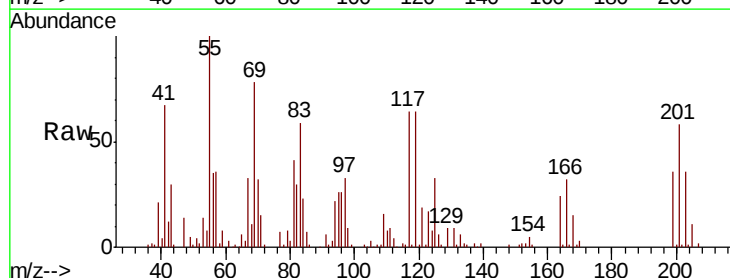
Tgt Ion:117 Resp: 61592

Ion Ratio Lower Upper

117 100

119 100.9 75.0 112.6

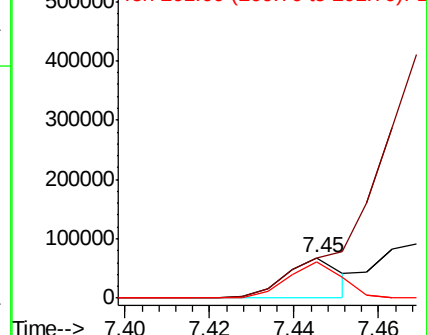
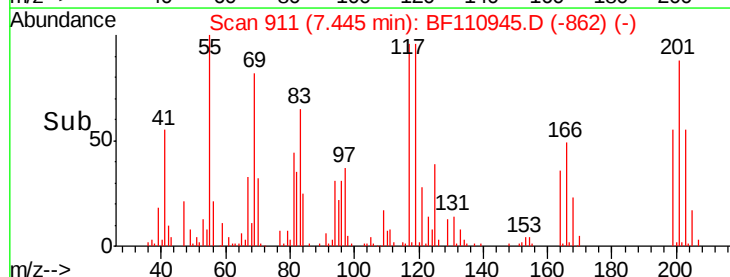
201 91.4 79.2 118.8

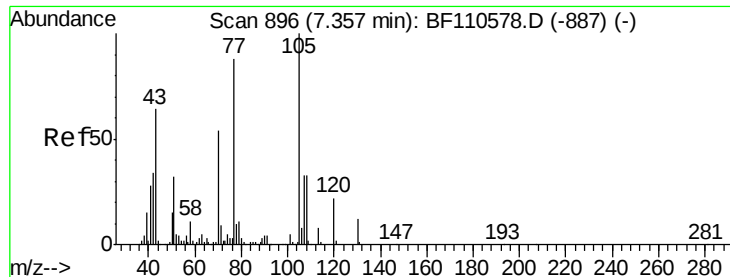


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

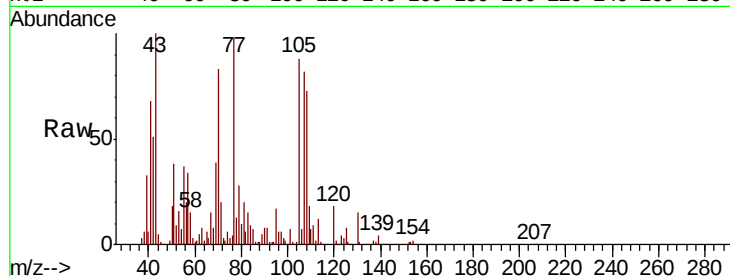




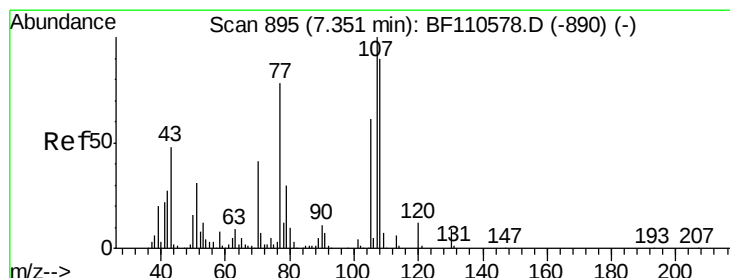
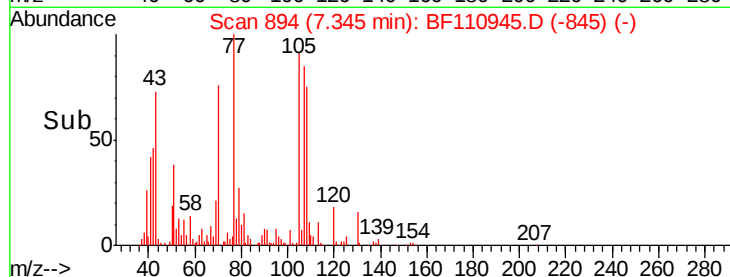
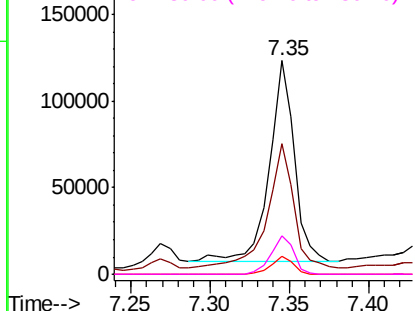
#19
n-Nitroso-di-n-propylamine
Concen: 47.590 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tgt Ion:	70	Resp:	130315
Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.4	71.2
101	8.6	7.3	10.9
130	18.2	16.2	24.2

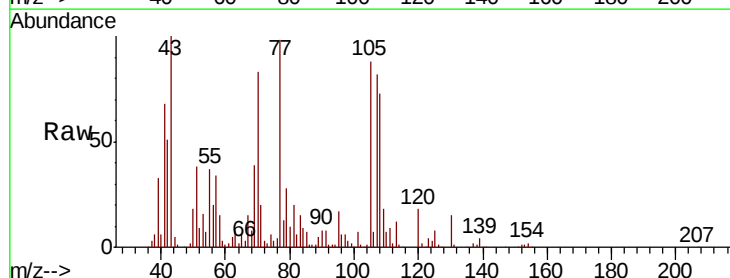


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

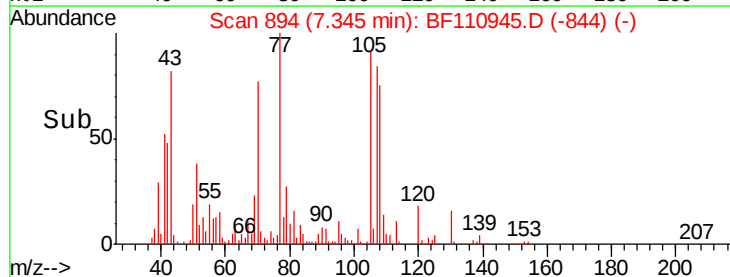
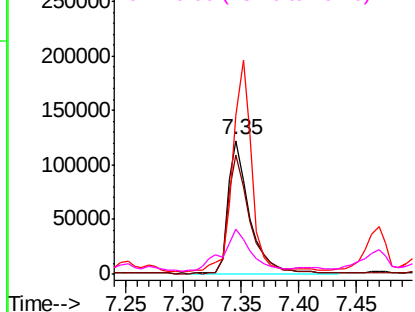


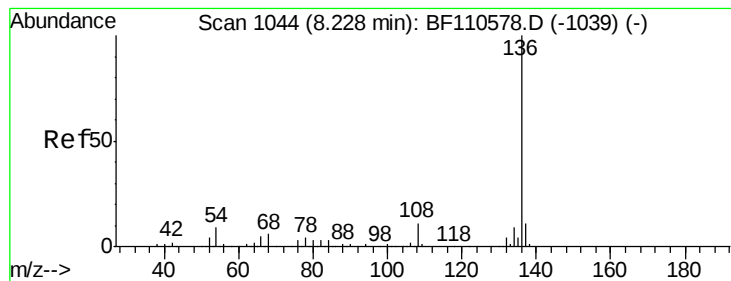
#20
3+4-Methylphenols
Concen: 38.712 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion:	107	Resp:	155533
Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.4	111.4
77	119.4	47.3	87.3#
79	33.9	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: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:136 Resp: 188164

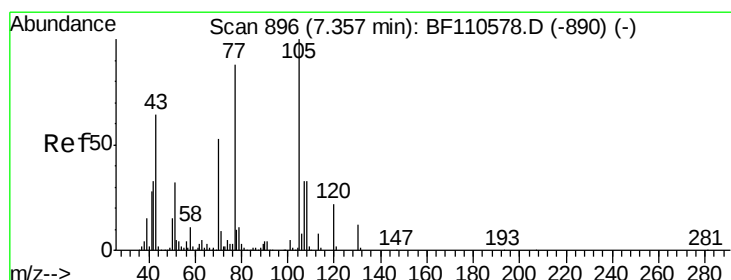
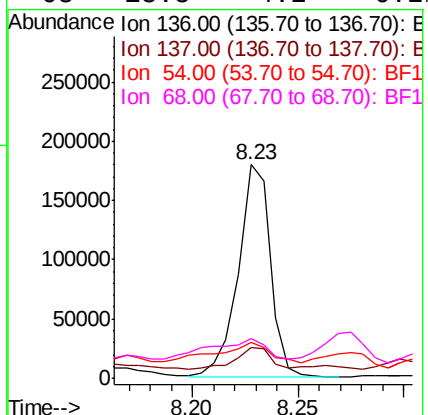
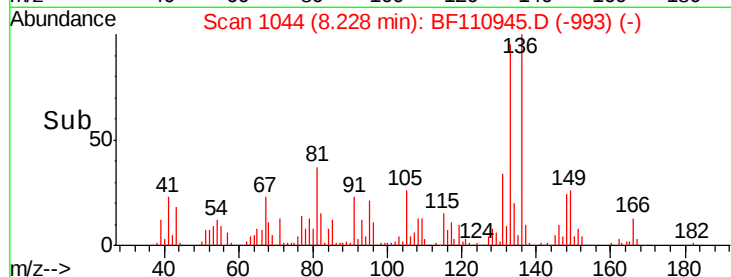
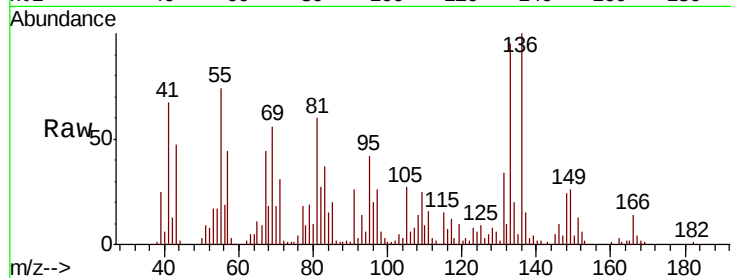
Ion Ratio Lower Upper

136 100

137 14.6 8.8 13.2#

54 17.1 5.4 8.2#

68 18.5 4.2 6.2#



#22

Acetophenone

Concen: 48.690 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion:105 Resp: 213519

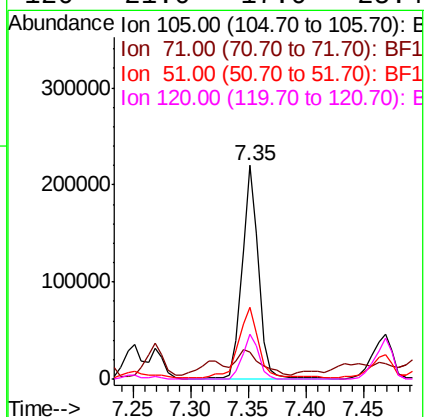
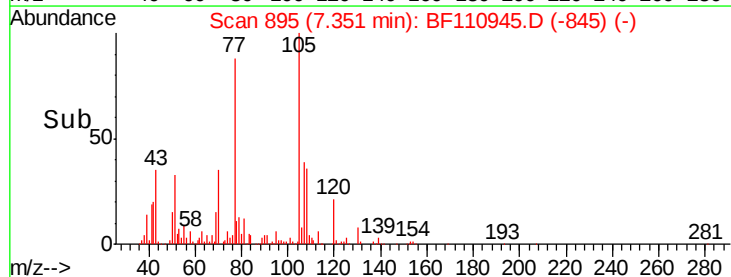
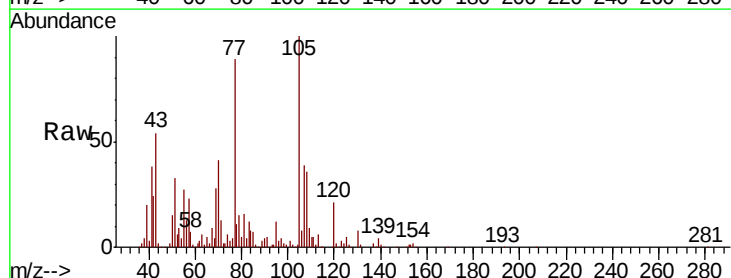
Ion Ratio Lower Upper

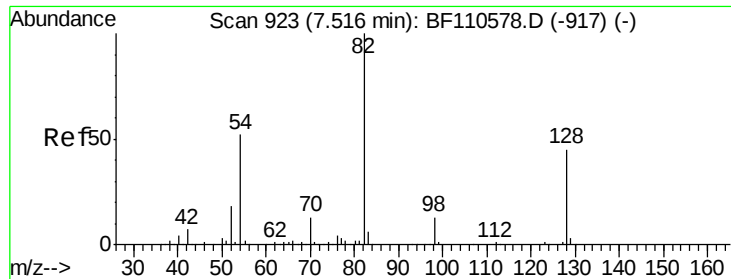
105 100

71 12.9 5.2 7.8#

51 33.5 21.8 32.8#

120 21.0 17.0 25.4

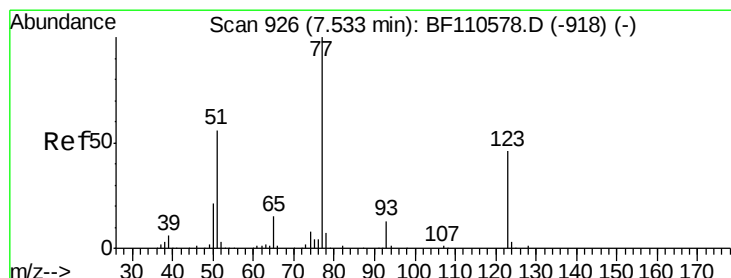
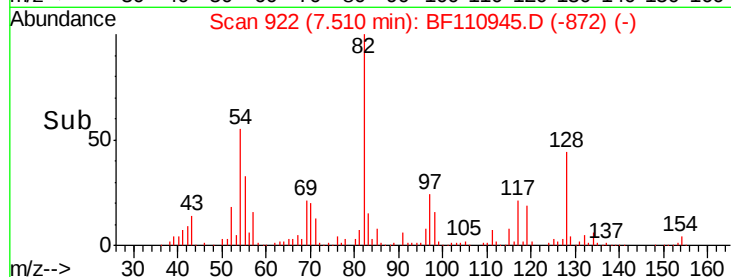
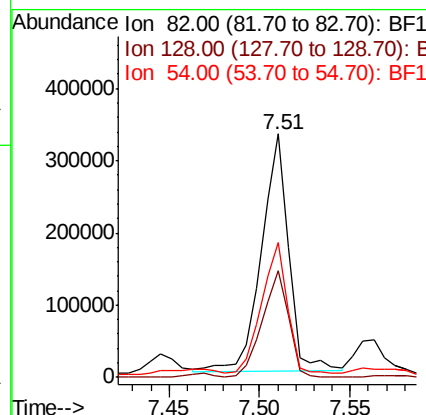
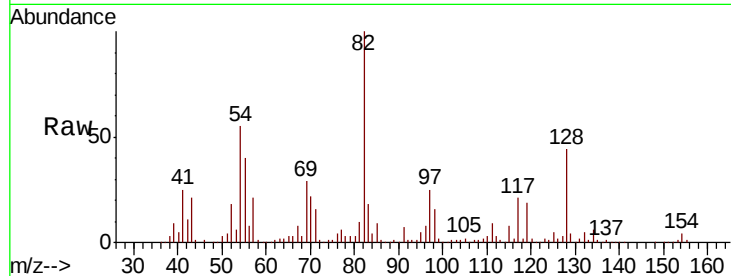




#23
 Nitrobenzene-d5
 Concen: 105.736 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

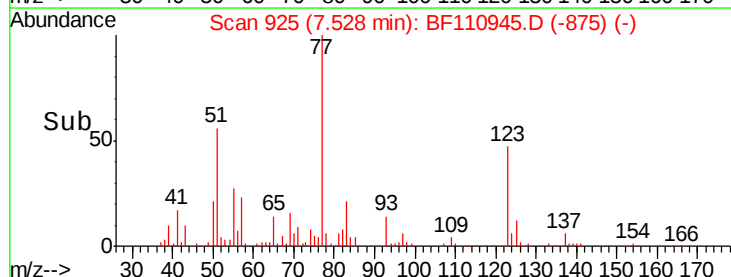
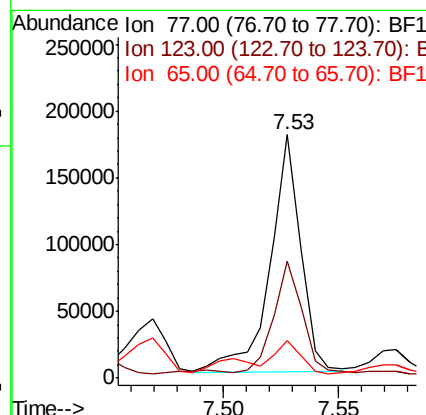
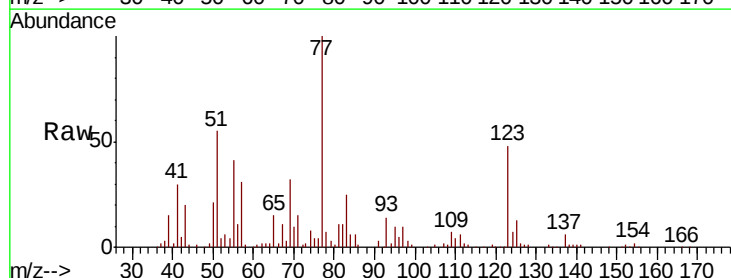
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMS

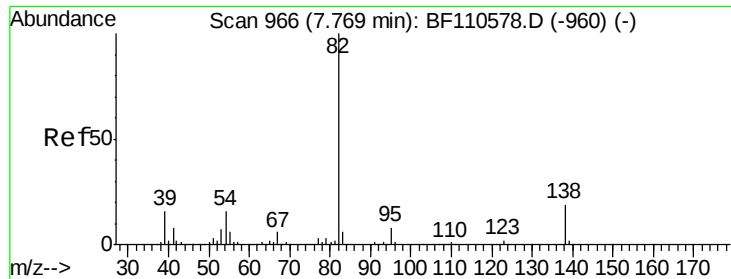
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.2	51.2
54	55.1	38.6	58.0



#24
 Nitrobenzene
 Concen: 49.183 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	35.7	53.5
65	15.2	10.7	16.1

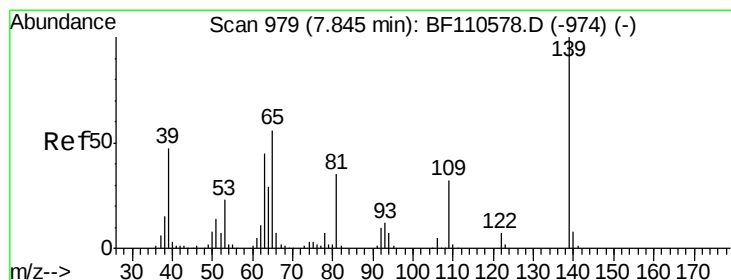
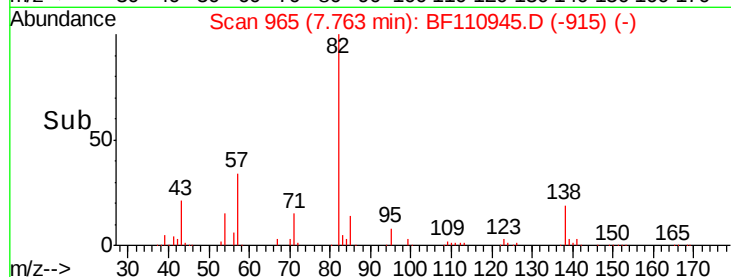
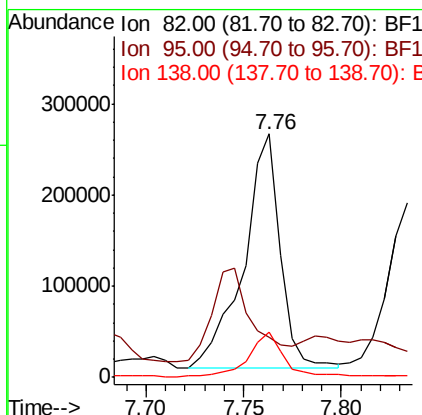
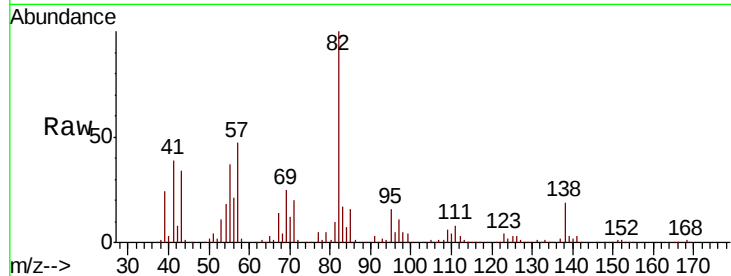




#25
Isophorone
Concen: 62.459 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

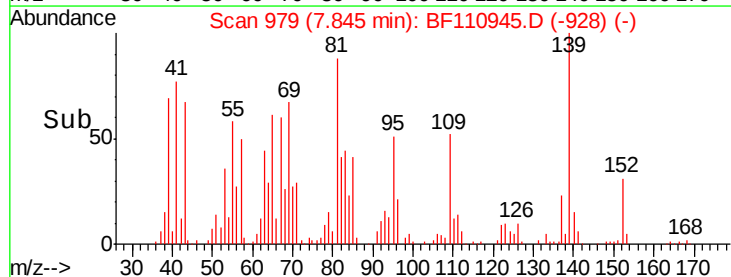
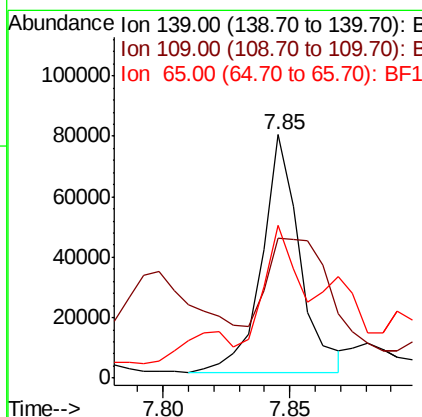
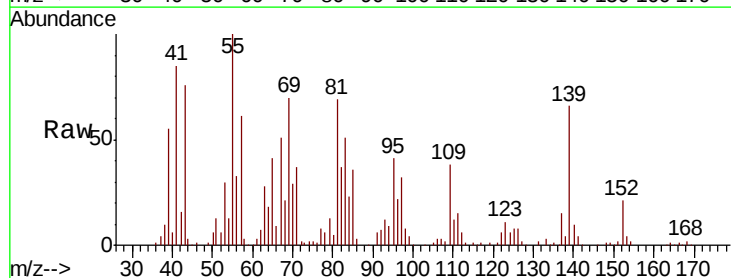
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMS

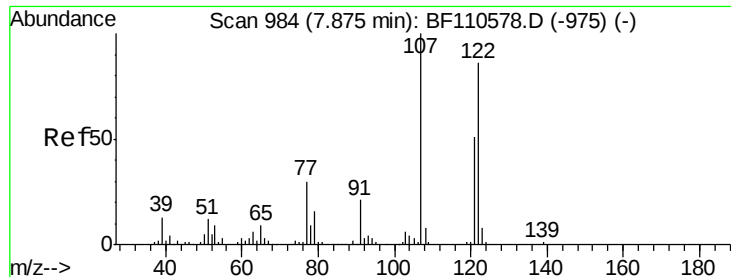
Tgt Ion: 82 Resp: 334481
Ion Ratio Lower Upper
82 100
95 16.3 5.7 8.5#
138 18.7 13.2 19.8



#26
2-Nitrophenol
Concen: 48.866 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion: 139 Resp: 81607
Ion Ratio Lower Upper
139 100
109 57.4 25.0 37.6#
65 62.6 44.0 66.0

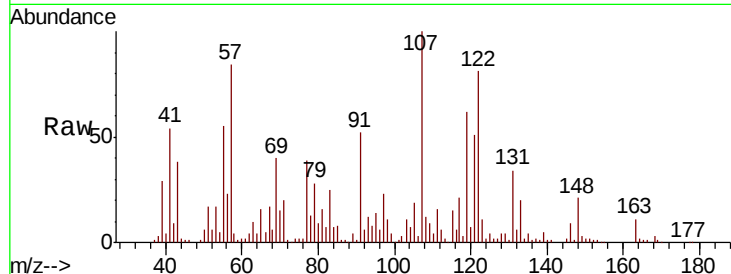




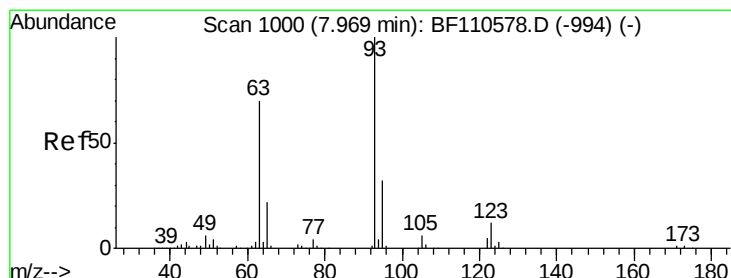
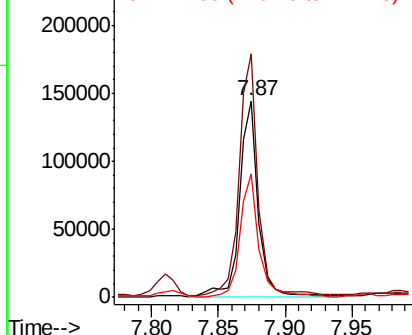
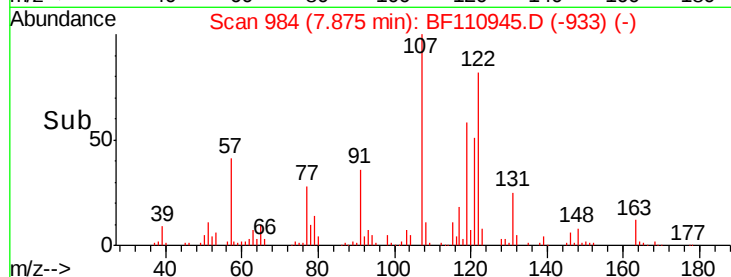
#27
2,4-Dimethylphenol
Concen: 54.696 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tgt Ion:122 Resp: 139113
Ion Ratio Lower Upper
122 100
107 124.0 92.5 138.7
121 62.9 45.8 68.8

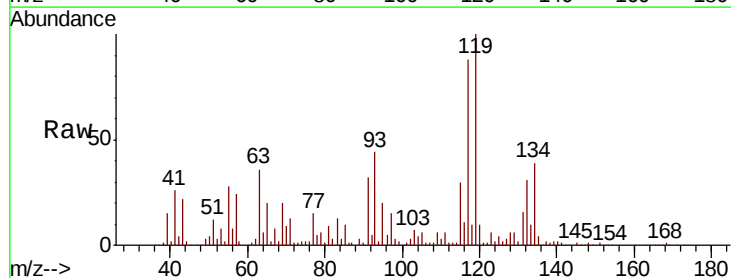


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

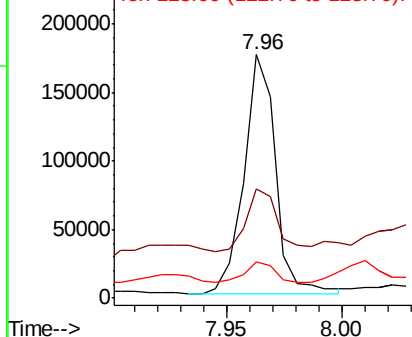
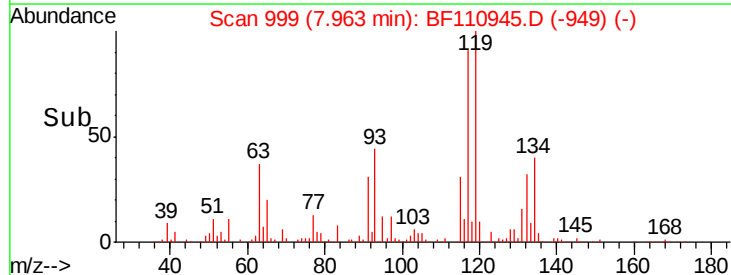


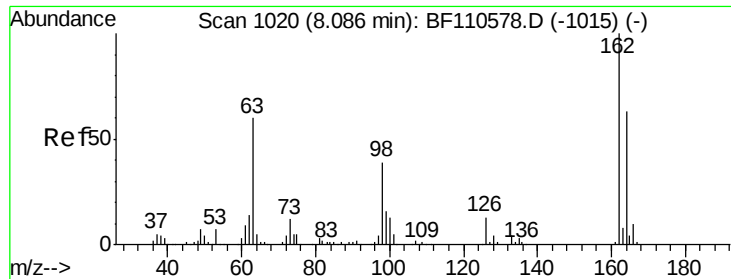
#28
bis(2-Chloroethoxy)methane
Concen: 45.806 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion: 93 Resp: 166086
Ion Ratio Lower Upper
93 100
95 44.8 26.4 39.6#
123 14.7 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

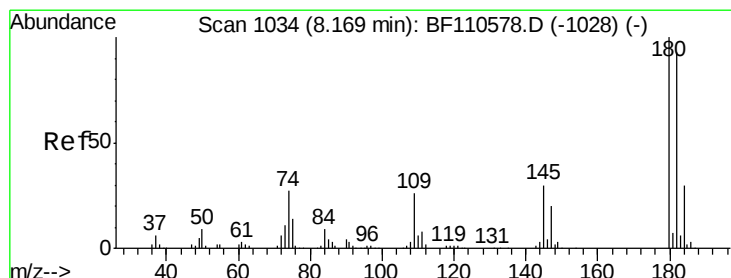
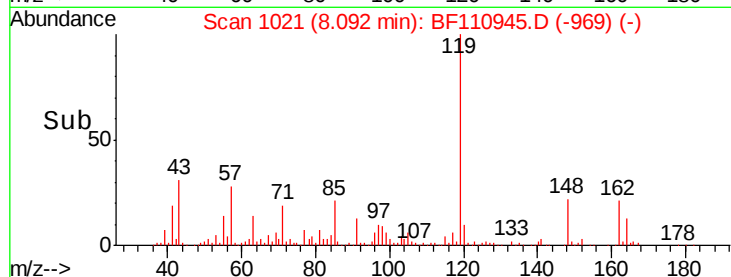
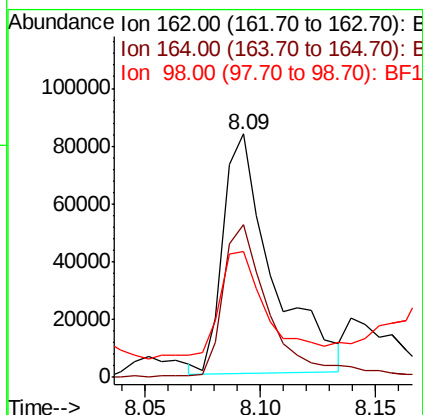
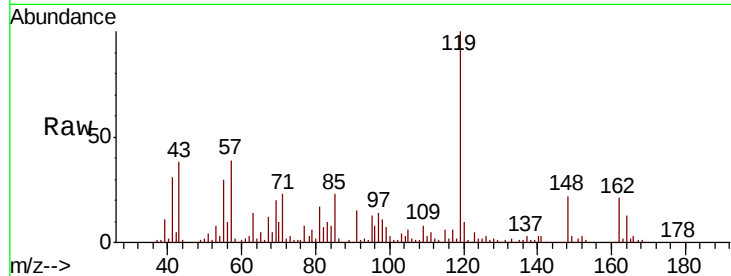




#29
 2,4-Dichlorophenol
 Concen: 47.153 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

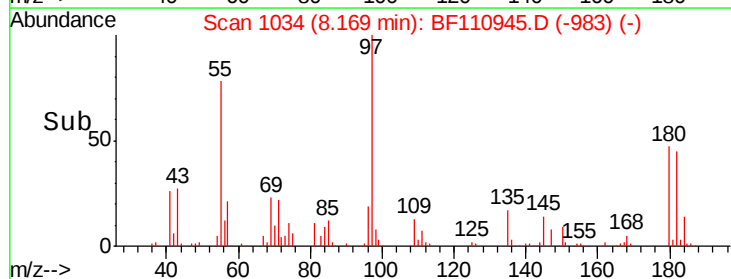
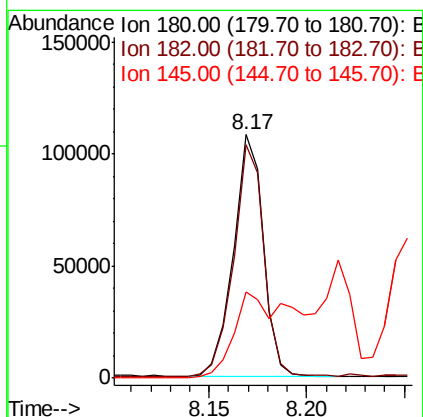
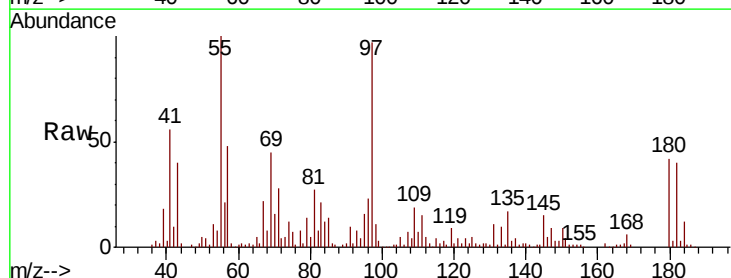
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMS

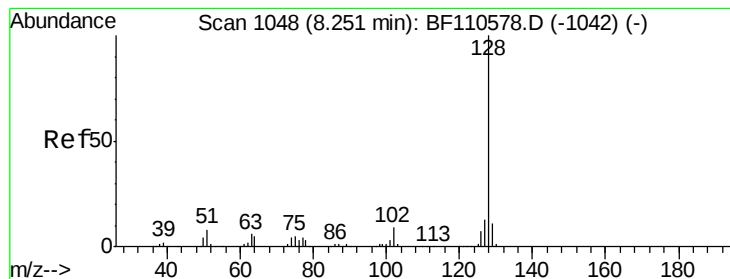
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	51.7	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 38.794 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	80.3	120.5
145	35.1	25.4	38.0





#31

Naphthalene

Concen: 51.184 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

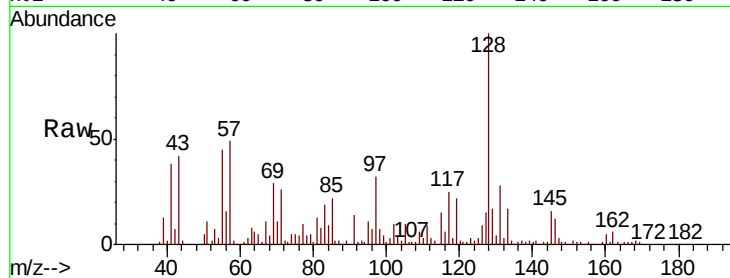
Tgt Ion:128 Resp: 452122

Ion Ratio Lower Upper

128 100

129 16.5 8.8 13.2#

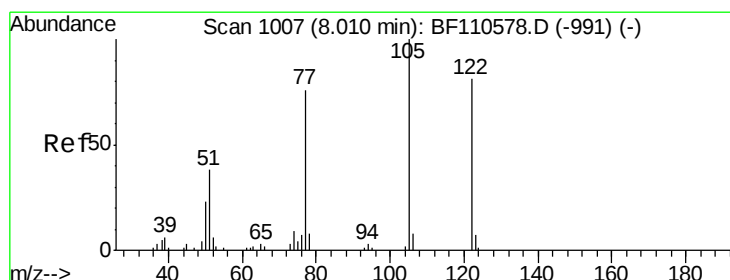
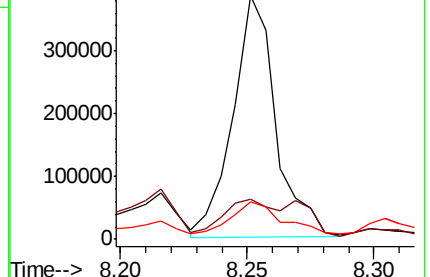
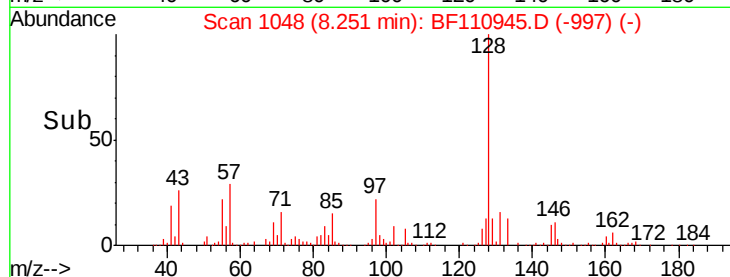
127 15.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.173 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

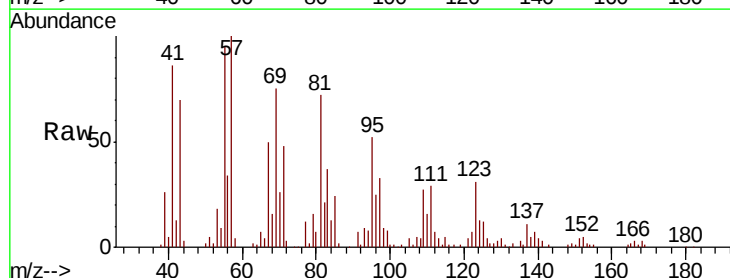
Tgt Ion:122 Resp: 12908

Ion Ratio Lower Upper

122 100

105 49.9 109.0 149.0#

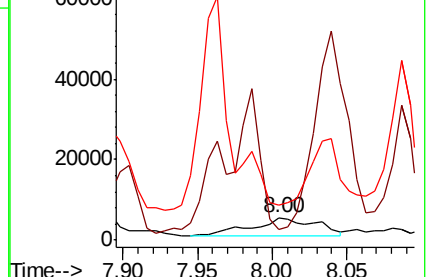
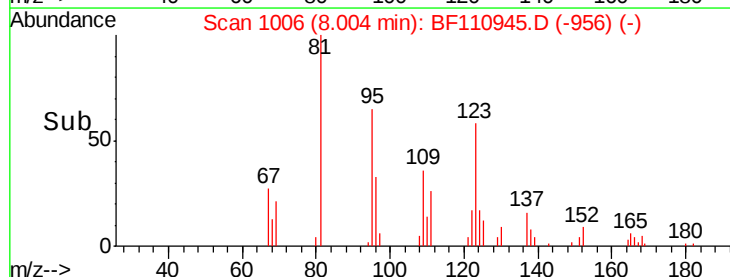
77 158.4 79.0 119.0#

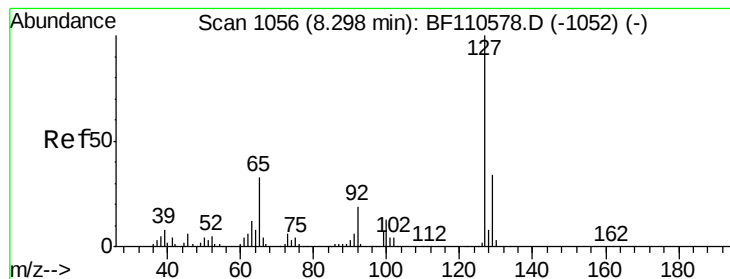


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 11.411 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:127 Resp: 45658

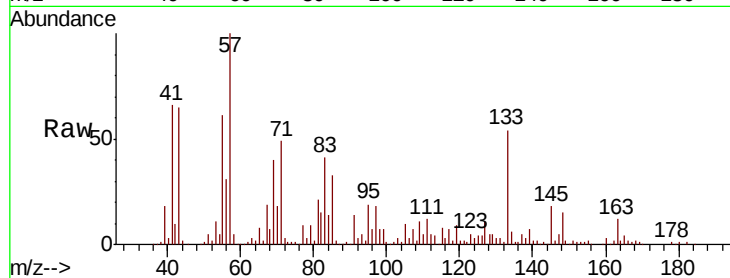
Ion Ratio Lower Upper

127 100

129 46.5 26.0 39.0#

65 72.8 25.1 37.7#

92 29.6 15.0 22.6#

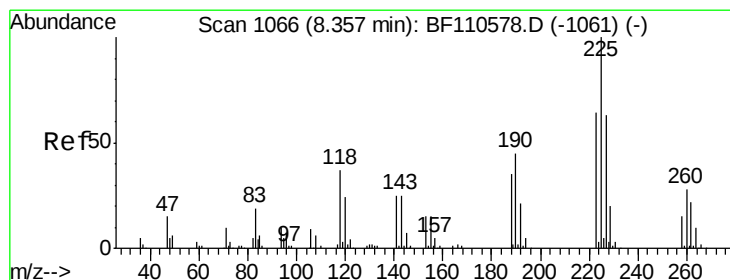
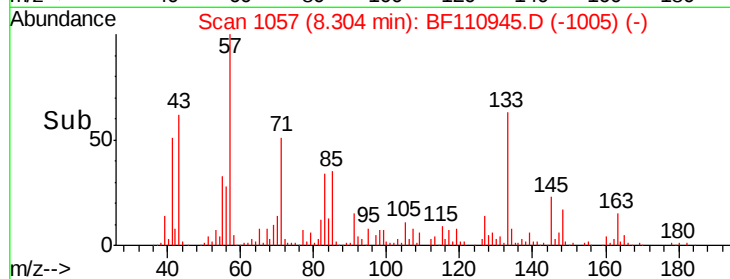
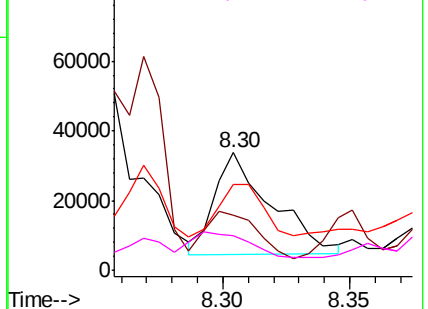


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.674 ng

RT: 8.36 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

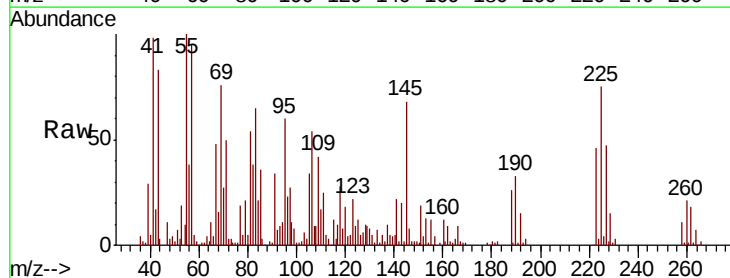
Tgt Ion:225 Resp: 68550

Ion Ratio Lower Upper

225 100

223 61.8 51.4 77.2

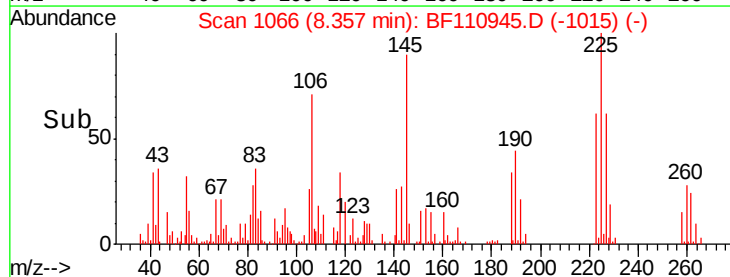
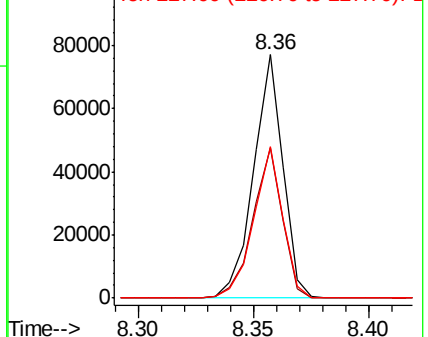
227 62.3 51.0 76.6

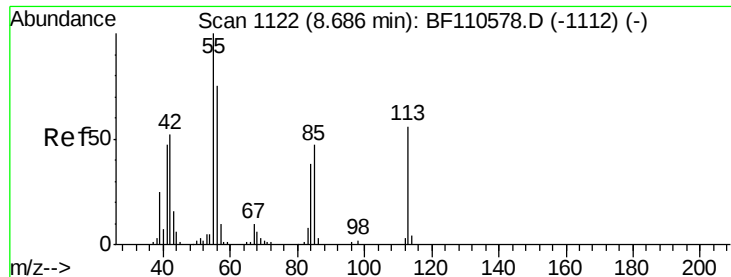


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

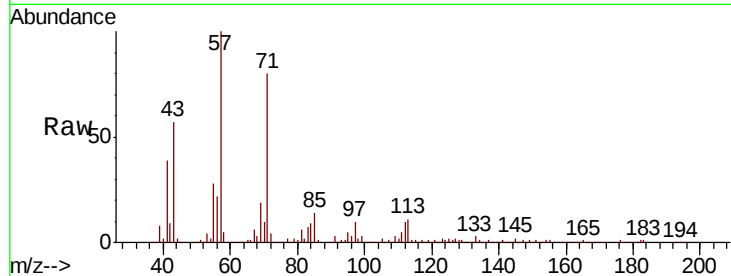




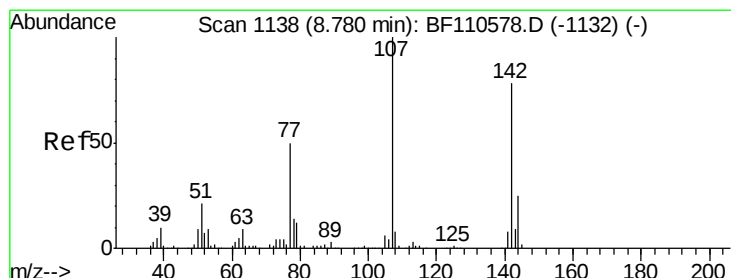
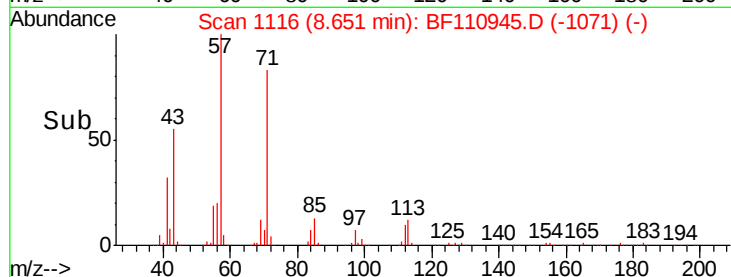
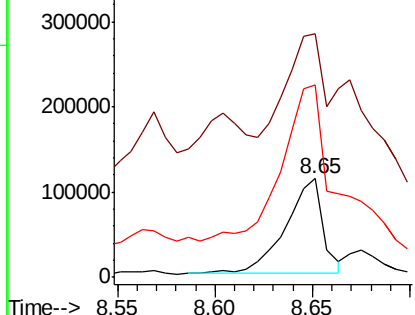
#35
 Caprolactam
 Concen: 169.603 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.04 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

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

Tgt Ion:113 Resp: 148292
 Ion Ratio Lower Upper
 113 100
 55 246.9 142.8 182.8#
 56 195.1 105.0 145.0#

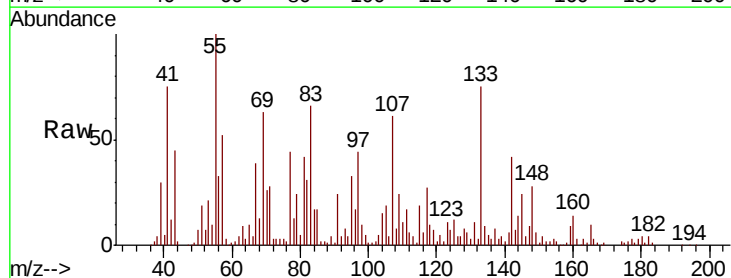


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

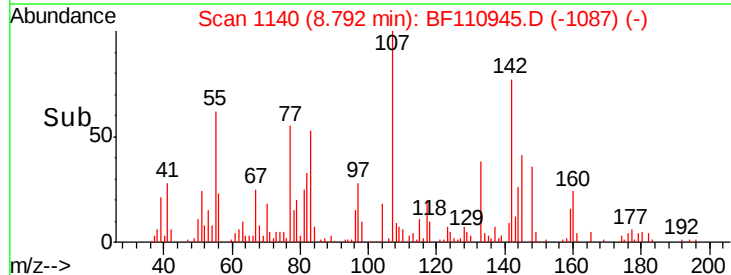
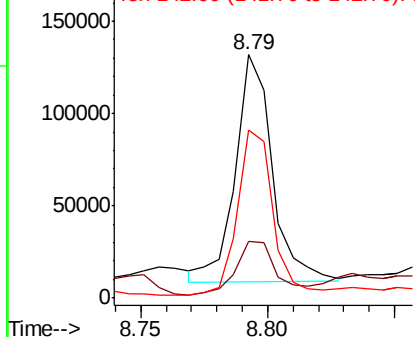


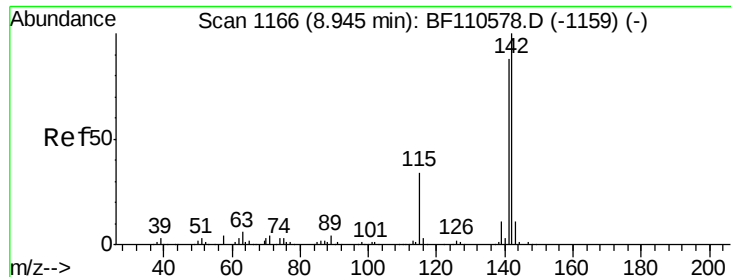
#36
 4-Chloro-3-methylphenol
 Concen: 44.387 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion:107 Resp: 125280
 Ion Ratio Lower Upper
 107 100
 144 23.1 20.0 30.0
 142 69.2 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

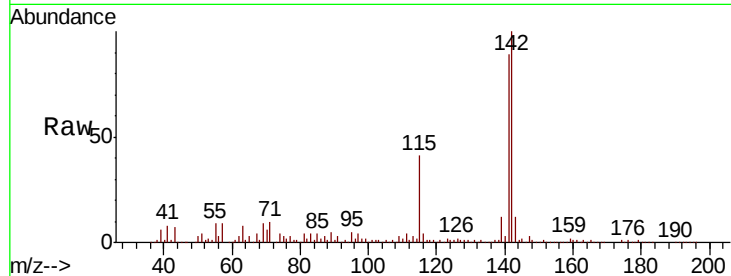




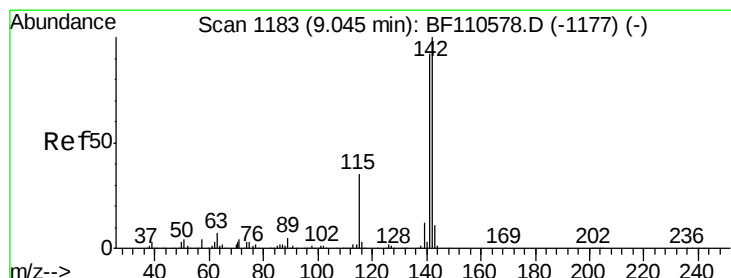
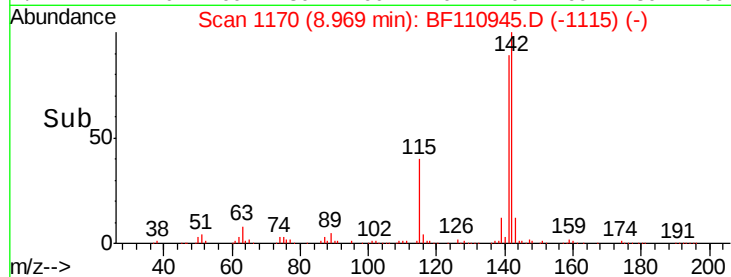
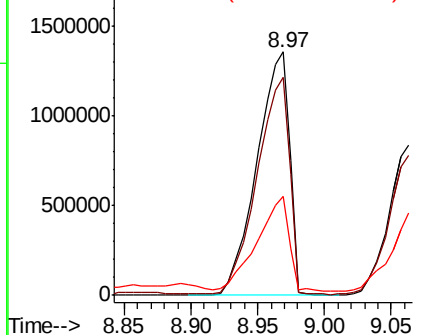
#37
 2-Methylnaphthalene
 Concen: 394.421 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

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

Tgt Ion:142 Resp: 2283951
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 40.7 28.7 43.1

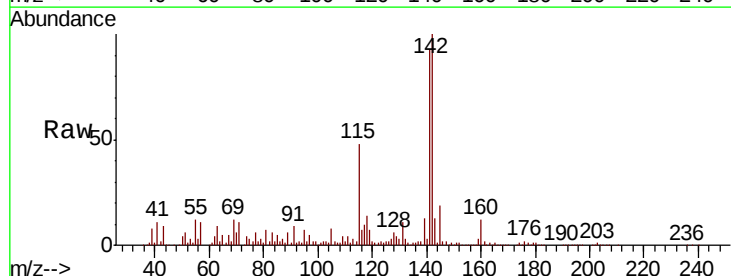


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

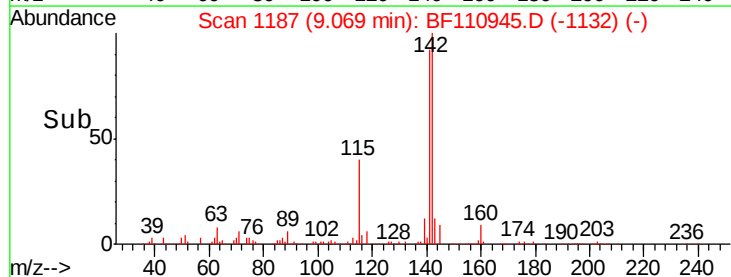
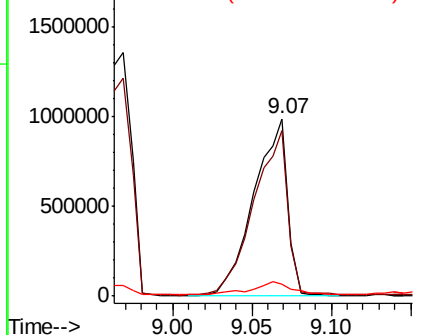


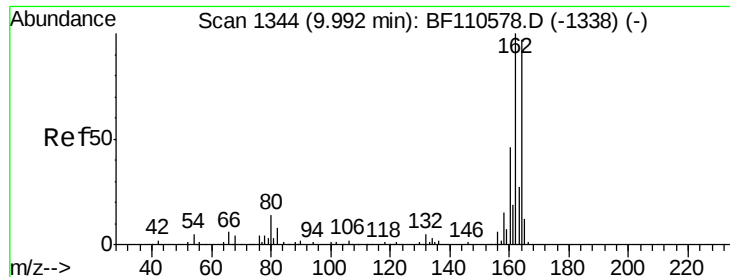
#38
 1-Methylnaphthalene
 Concen: 261.956 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.02 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion:142 Resp: 1458815
 Ion Ratio Lower Upper
 142 100
 141 93.1 74.2 111.4
 116 6.7 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: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

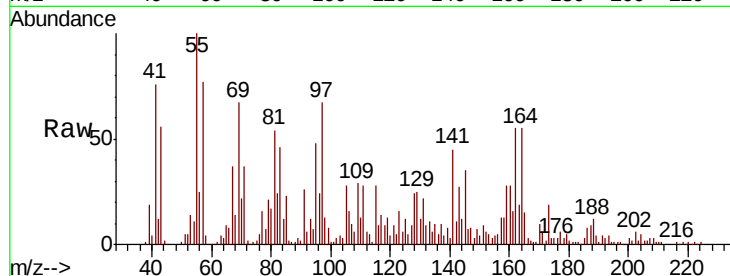
Tgt Ion:164 Resp: 90471

Ion Ratio Lower Upper

164 100

162 99.3 83.0 124.6

160 50.0 37.0 55.6

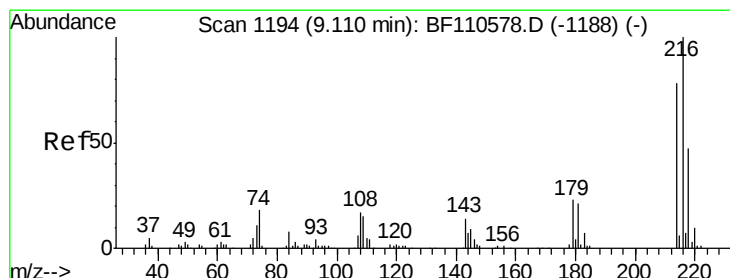
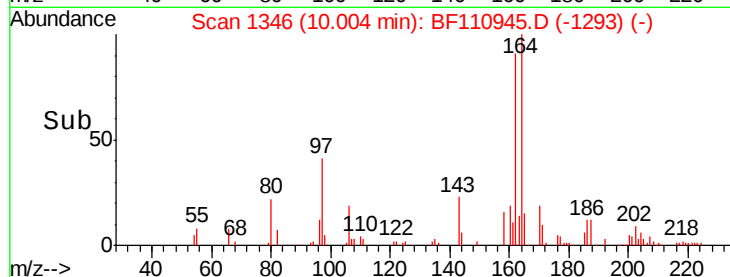
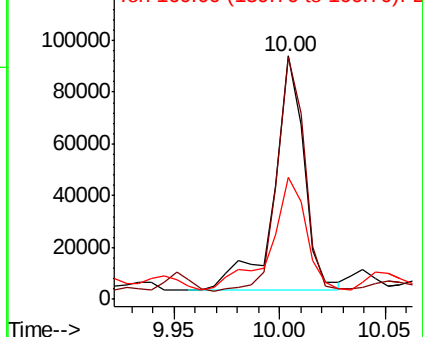


Abundance

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: 32.387 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion:216 Resp: 92749

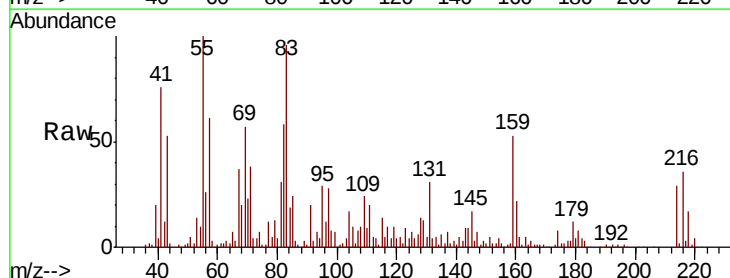
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 30.1 16.6 25.0#

108 24.9 15.1 22.7#



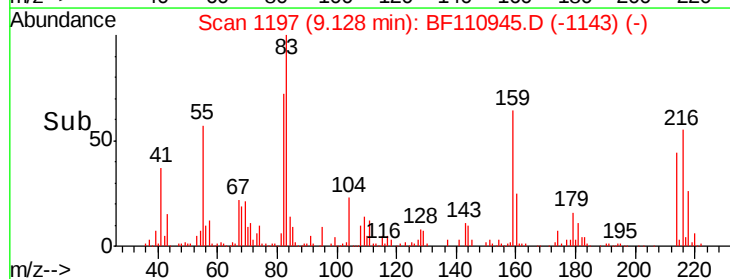
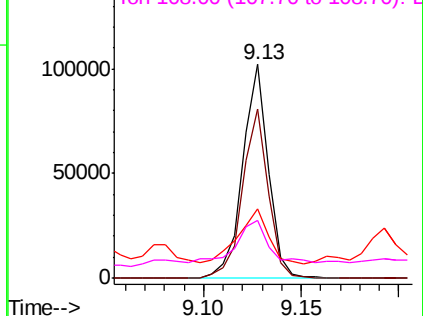
Abundance

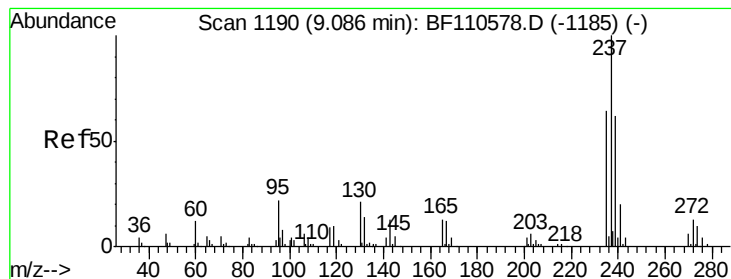
Ion 216.00 (215.70 to 216.70): E

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: 20.993 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

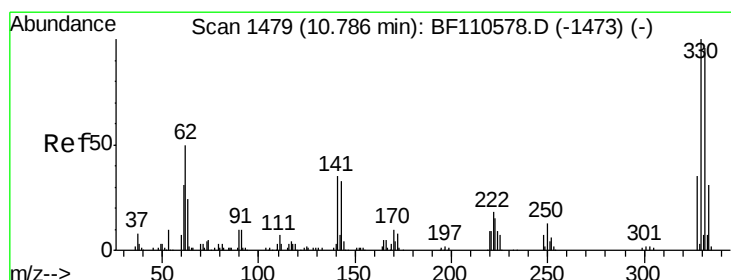
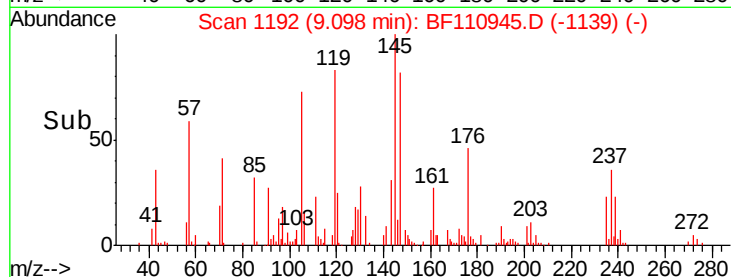
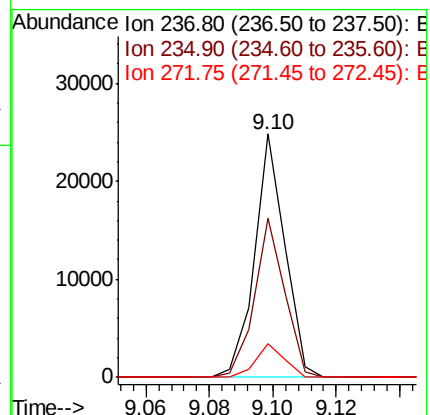
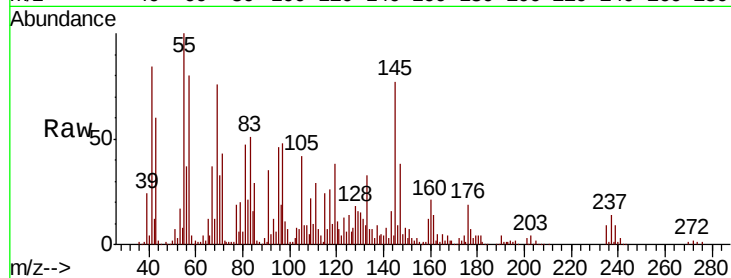
Tgt Ion: 237 Resp: 16498

Ion Ratio Lower Upper

237 100

235 65.5 43.1 83.1

272 13.9 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 101.257 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

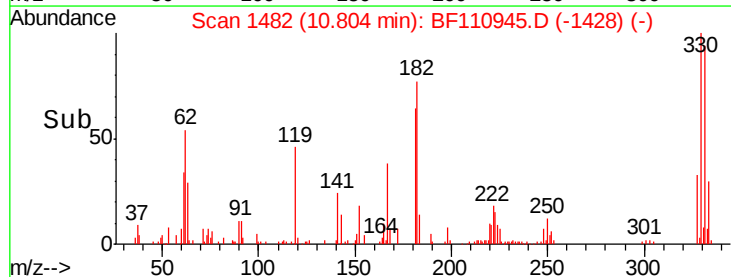
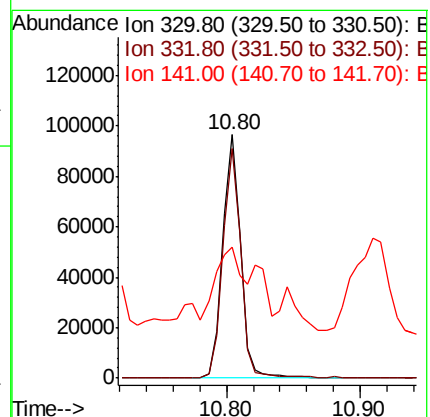
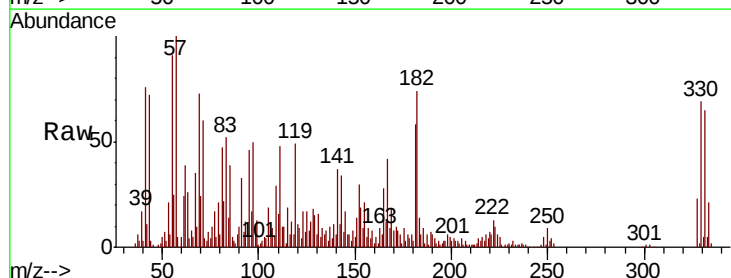
Tgt Ion: 330 Resp: 92307

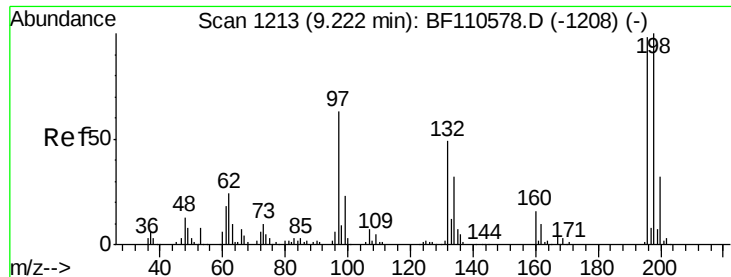
Ion Ratio Lower Upper

330 100

332 95.3 77.1 115.7

141 60.3 27.0 40.4#

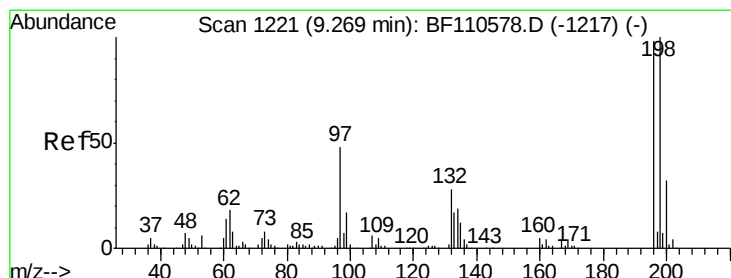
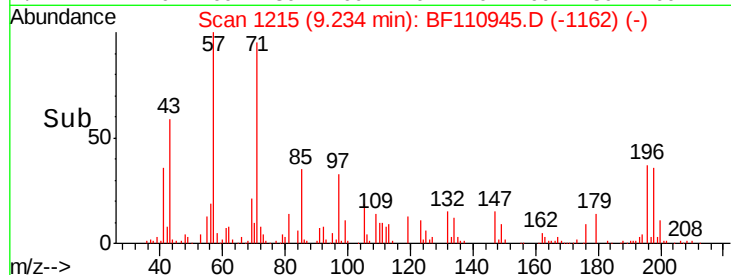
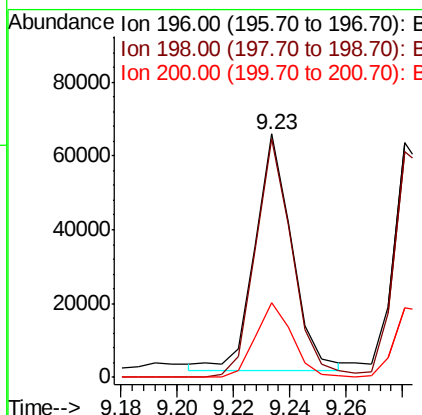
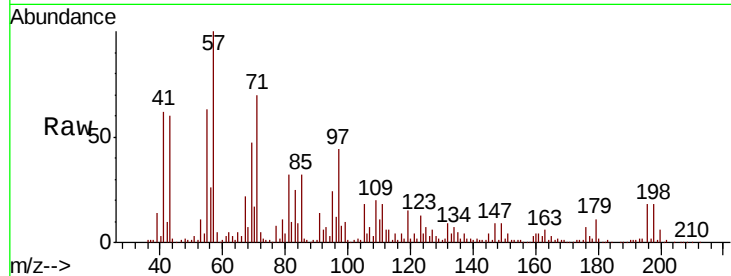




#43
 2,4,6-Trichlorophenol
 Concen: 32.551 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

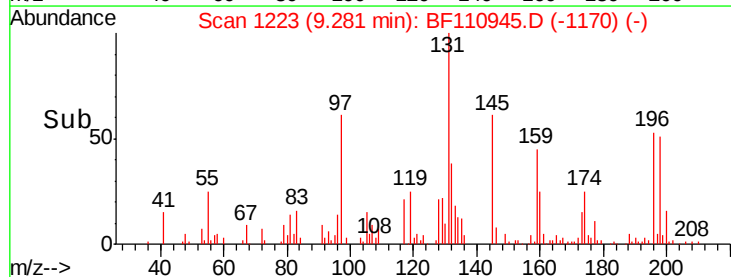
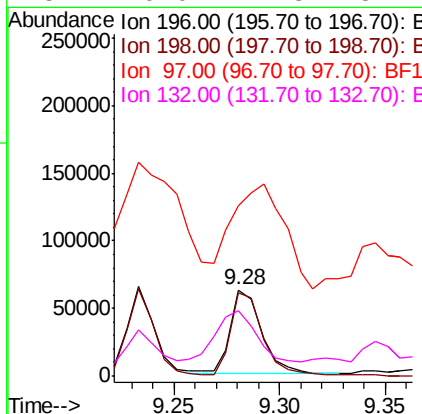
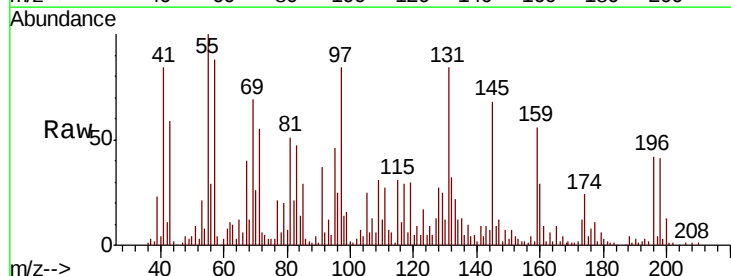
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMS

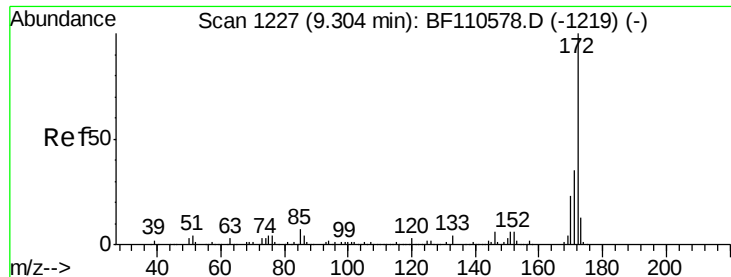
Tgt Ion:196 Resp: 58578
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.2 114.4
 200 30.6 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 33.585 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion:196 Resp: 64470
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.8 113.6
 97 198.8 42.4 63.6#
 132 76.0 22.8 34.2#

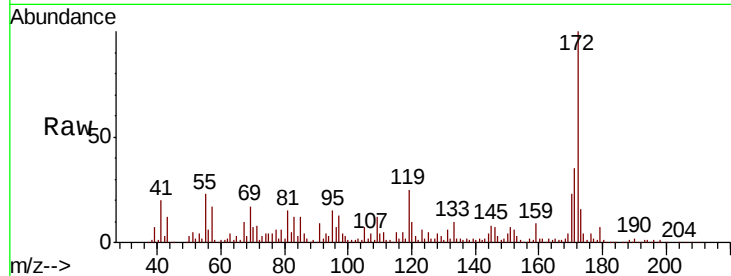




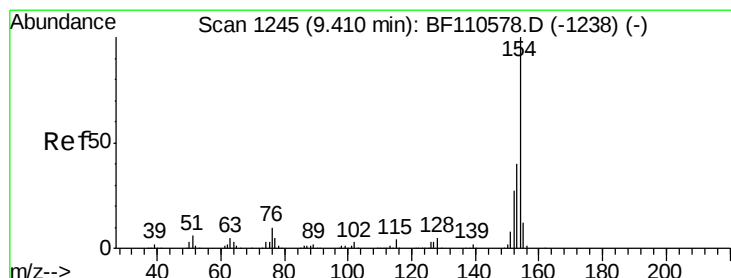
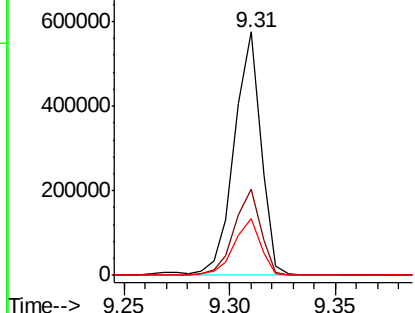
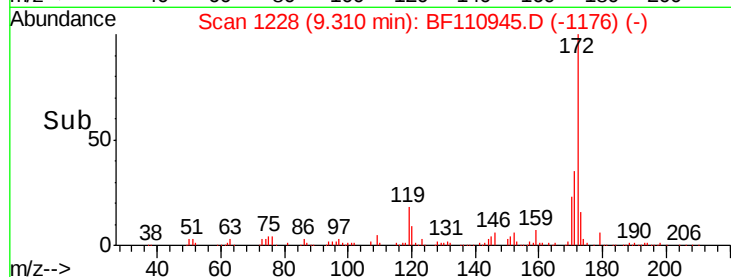
#45
2-Fluorobiphenyl
Concen: 78.937 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tgt Ion:172 Resp: 500043
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.2 19.7 29.5

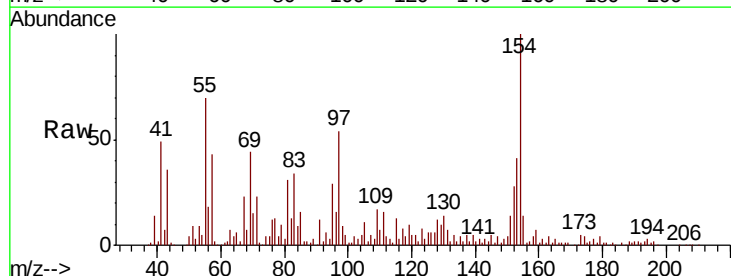


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

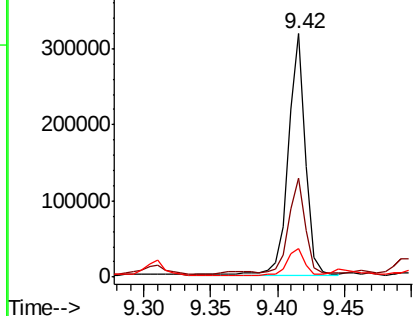
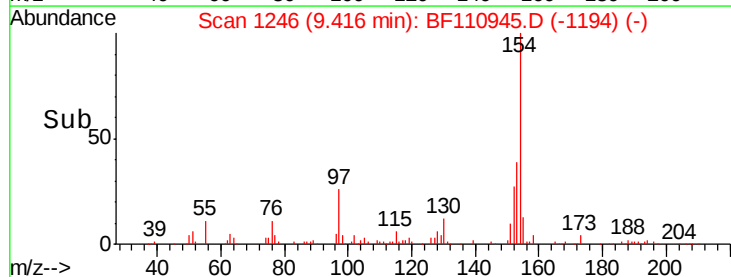


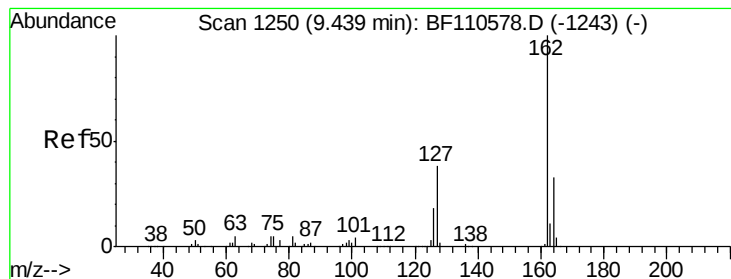
#46
1,1'-Biphenyl
Concen: 33.750 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion:154 Resp: 284839
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.6 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: 33.508 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

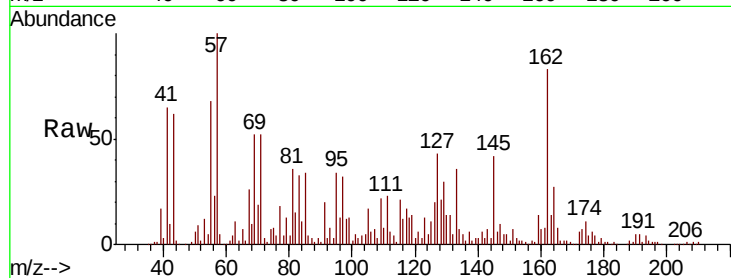
Tgt Ion: 162 Resp: 203737

Ion Ratio Lower Upper

162 100

127 52.1 32.6 48.8#

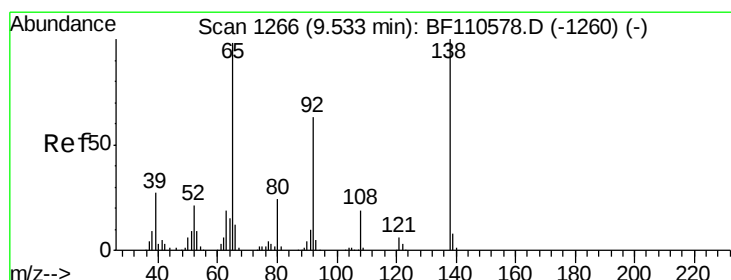
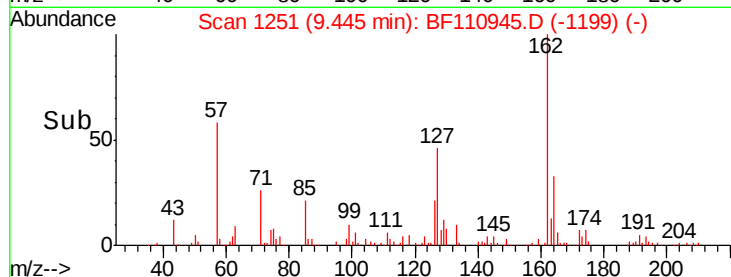
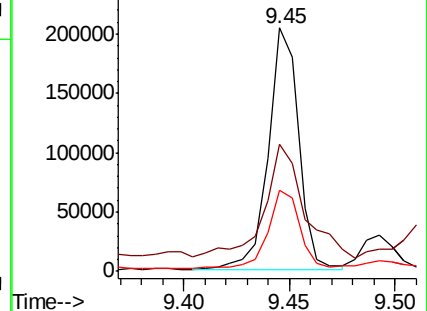
164 33.1 25.9 38.9



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: 44.394 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

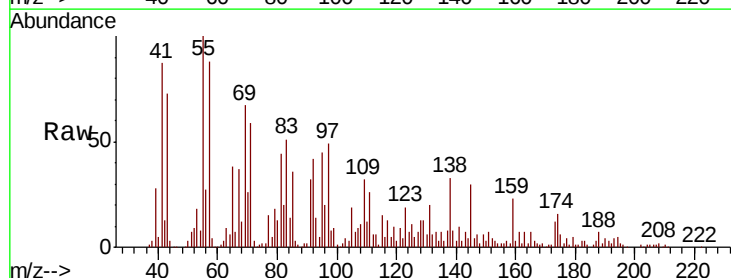
Tgt Ion: 65 Resp: 83180

Ion Ratio Lower Upper

65 100

92 112.3 54.6 81.8#

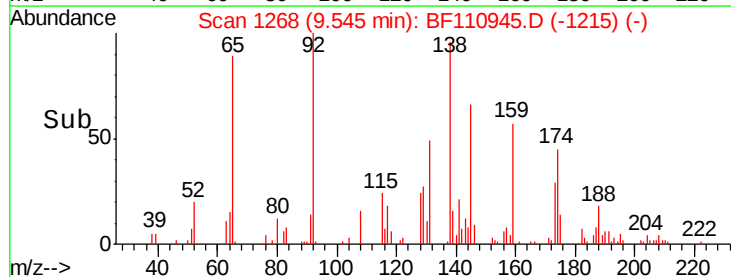
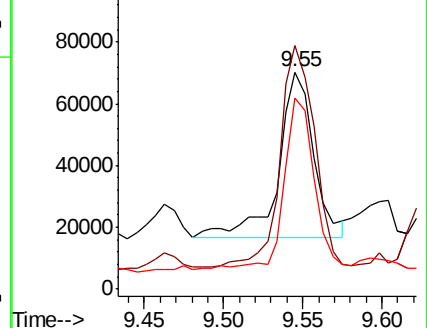
138 88.3 80.3 120.5

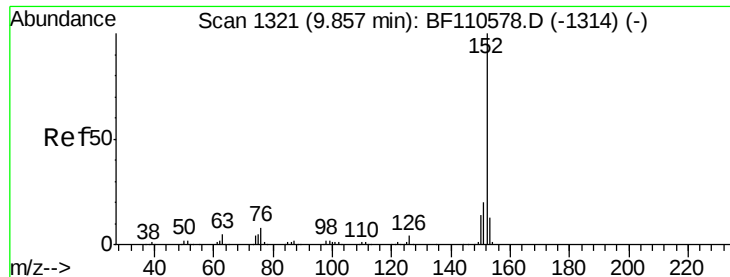


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.252 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

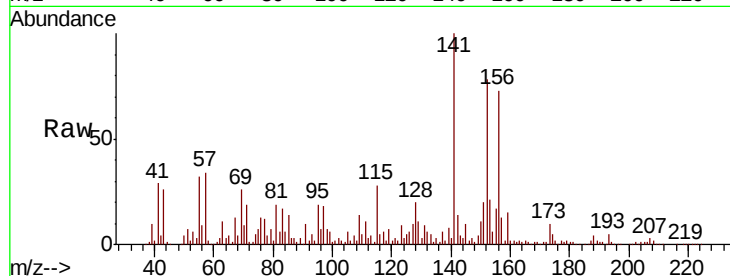
Tgt Ion:152 Resp: 343706

Ion Ratio Lower Upper

152 100

151 25.3 15.8 23.8#

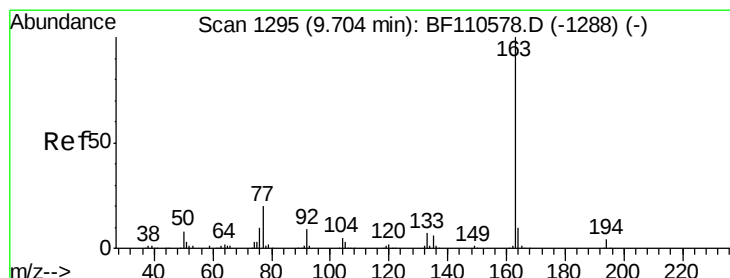
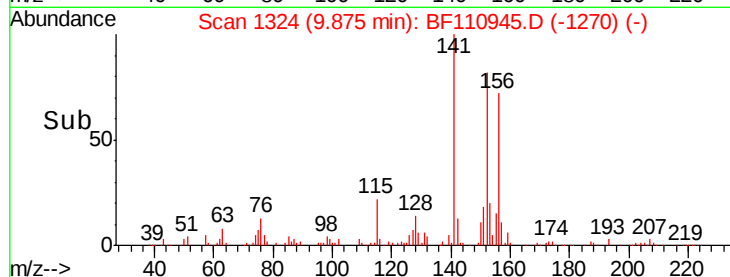
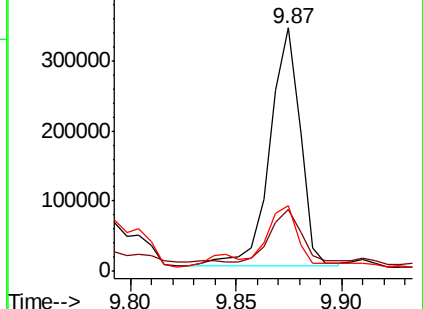
153 26.9 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 24.469 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

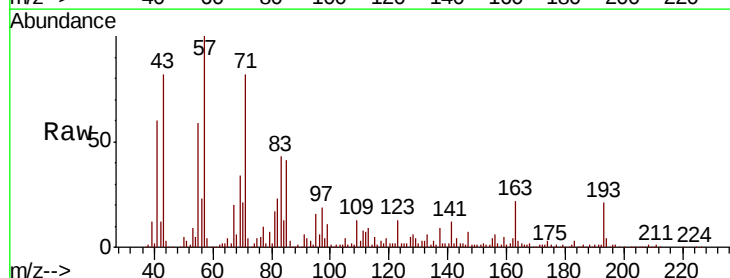
Tgt Ion:163 Resp: 165183

Ion Ratio Lower Upper

163 100

194 19.8 3.2 4.8#

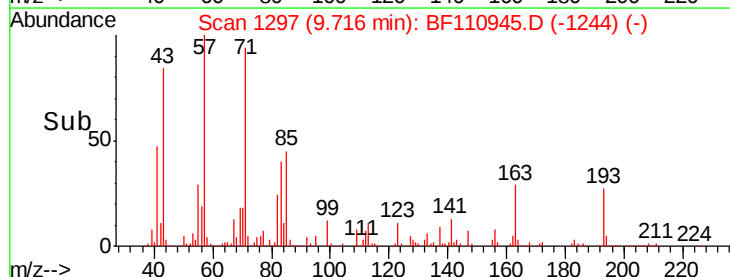
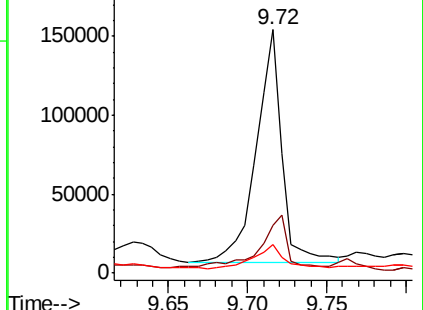
164 11.8 8.1 12.1

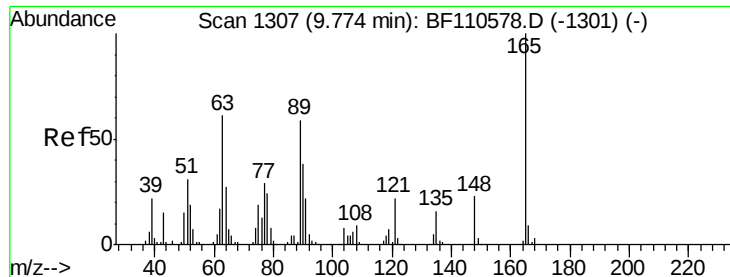


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 33.687 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

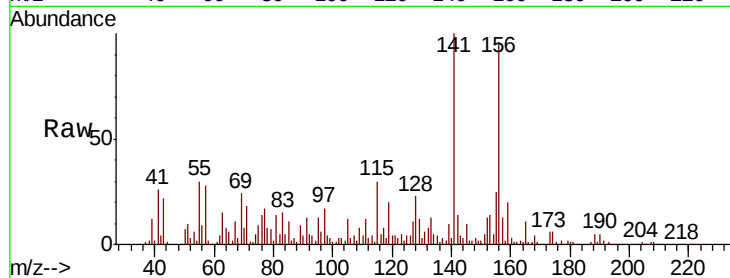
Tgt Ion:165 Resp: 50026

Ion Ratio Lower Upper

165 100

63 139.4 48.9 73.3#

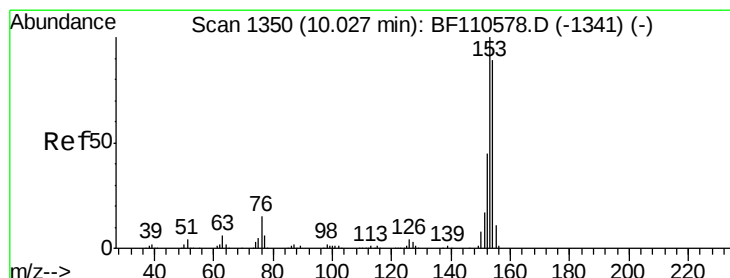
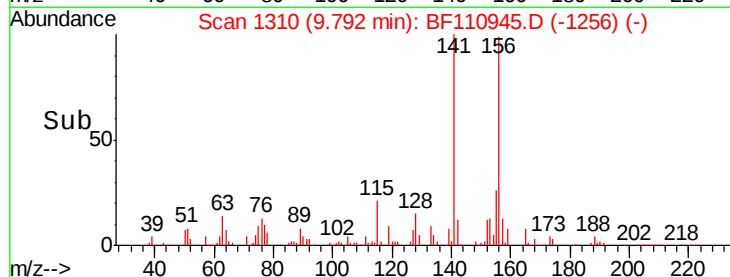
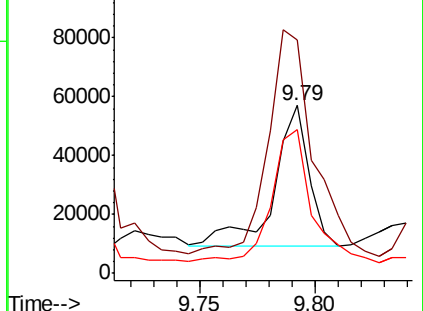
89 86.0 46.6 69.8#



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: 49.815 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

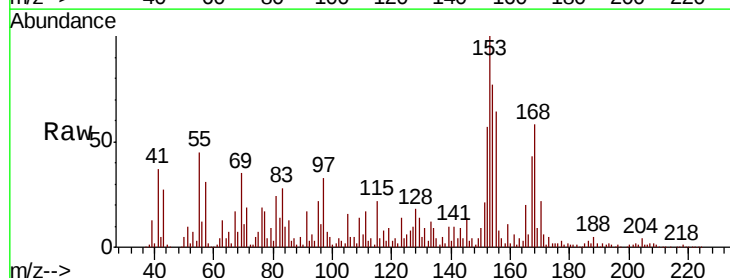
Tgt Ion:154 Resp: 275663

Ion Ratio Lower Upper

154 100

153 129.9 90.1 135.1

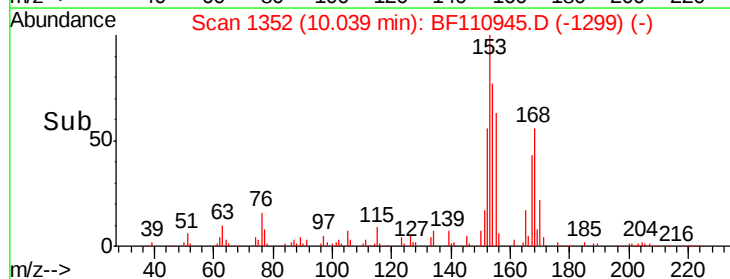
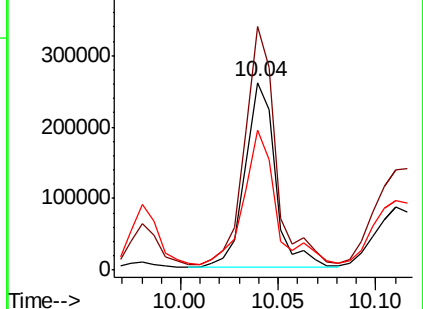
152 74.5 43.4 65.2#

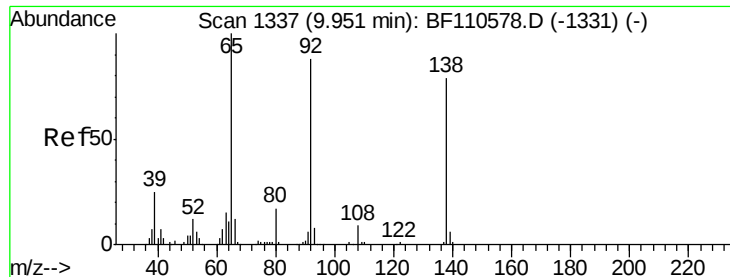


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

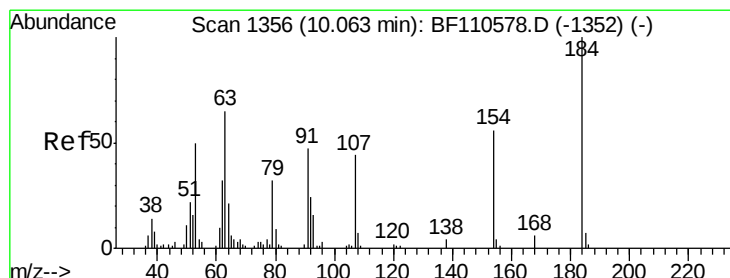
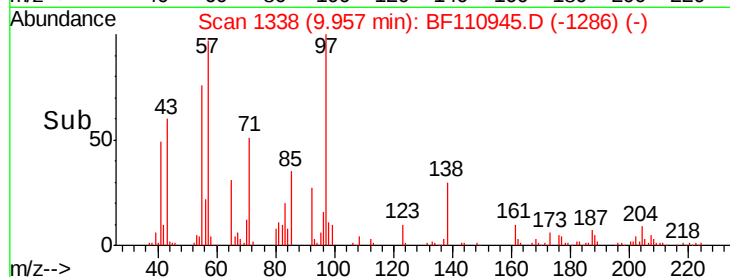
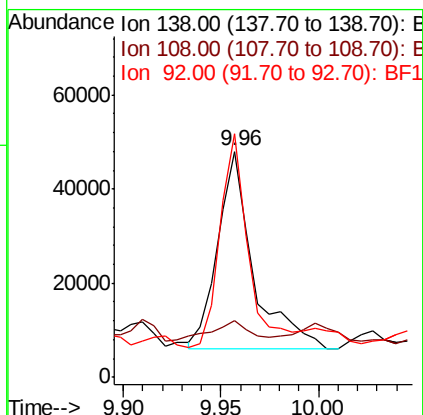
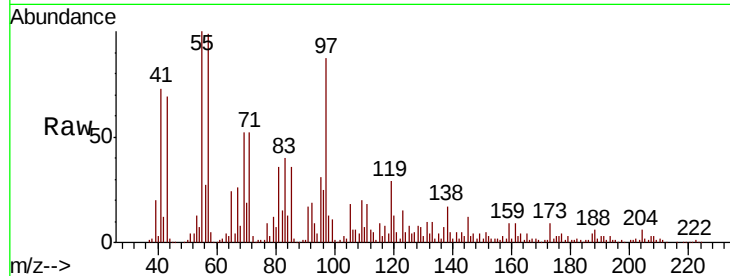




#53
3-Nitroaniline
Concen: 30.911 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

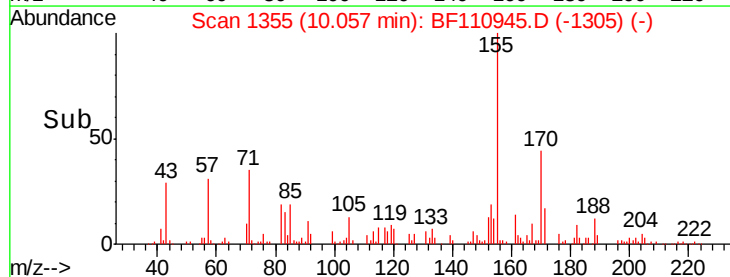
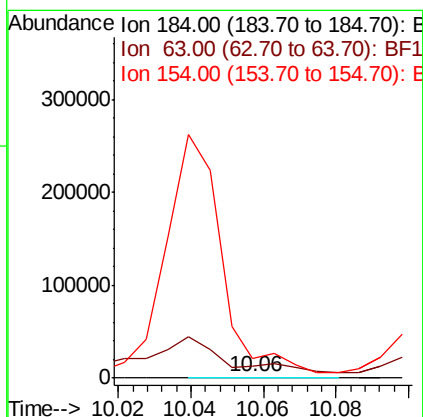
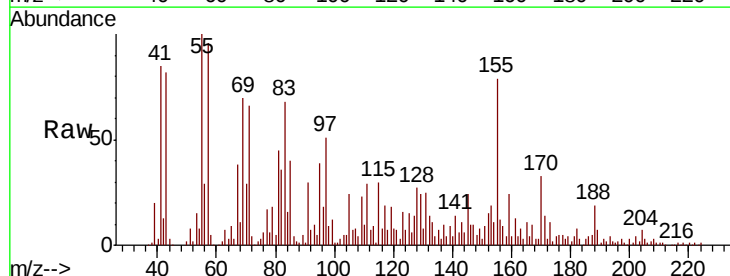
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMS

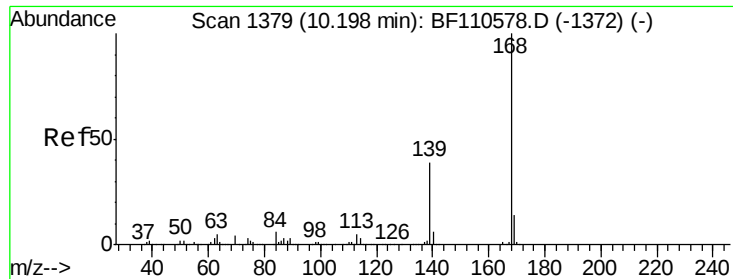
Tgt Ion:138 Resp: 53181
Ion Ratio Lower Upper
138 100
108 25.4 8.7 13.1#
92 107.7 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 7.029 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion:184 Resp: 1463
Ion Ratio Lower Upper
184 100
63 1569.2 55.8 83.6#
154 2492.7 63.2 94.8#





#55

Dibenzofuran

Concen: 39.981 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

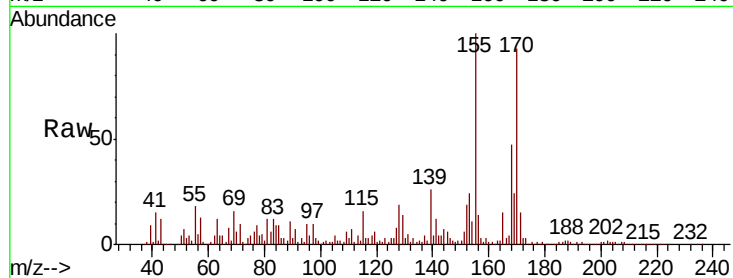
Tgt Ion:168 Resp: 323695

Ion Ratio Lower Upper

168 100

139 54.8 33.0 49.6#

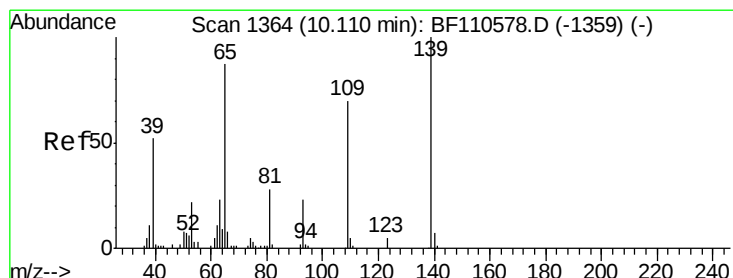
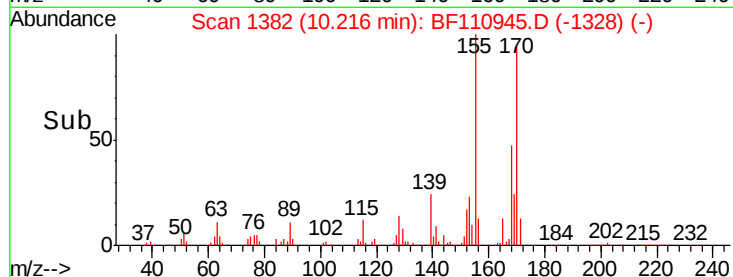
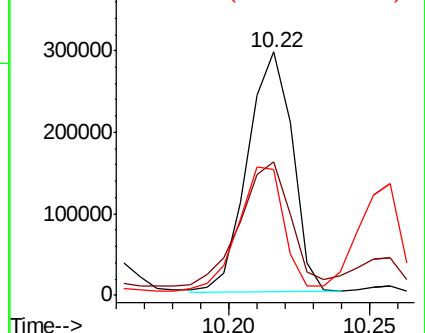
169 51.6 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 115.542 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

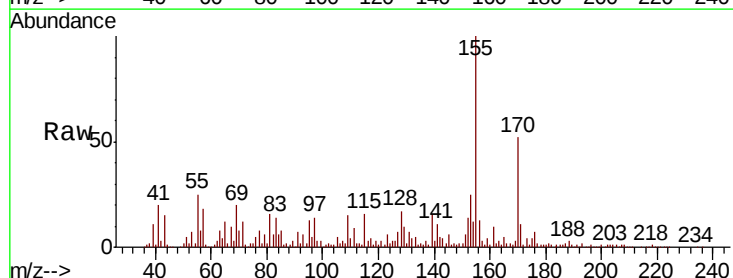
Tgt Ion:139 Resp: 131880

Ion Ratio Lower Upper

139 100

109 91.4 55.8 95.8

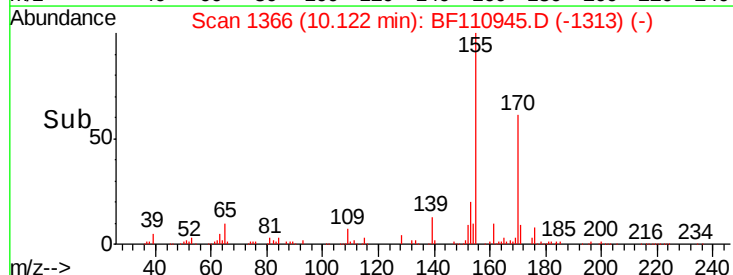
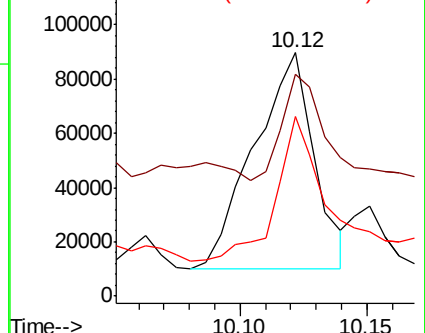
65 73.6 77.9 117.9#

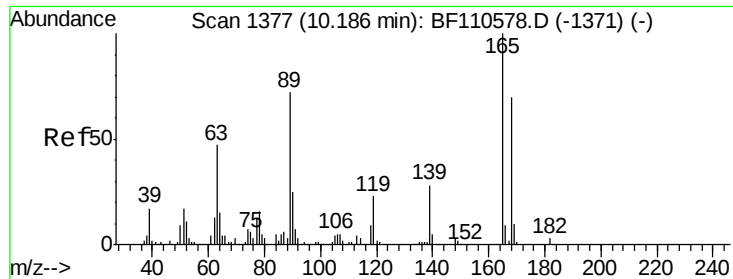


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 47.833 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.03 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:165 Resp: 92359

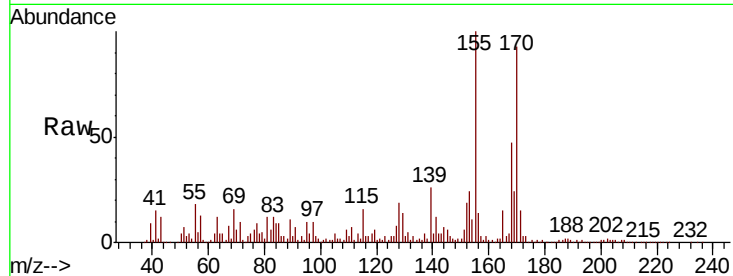
Ion Ratio Lower Upper

165 100

63 79.5 44.8 67.2#

89 72.0 62.2 93.4

182 2.8 2.1 3.1

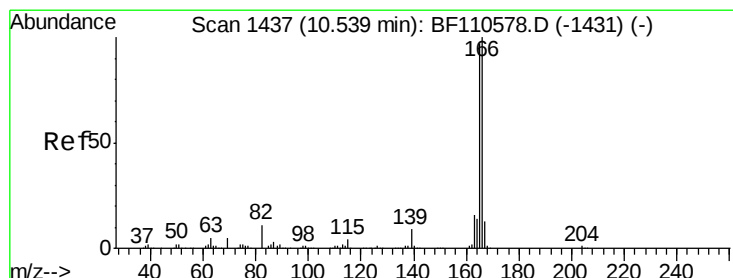
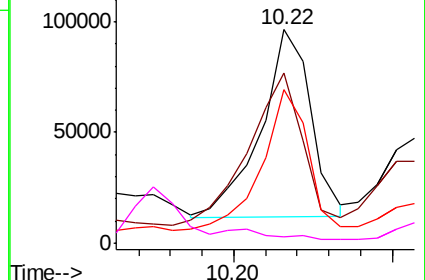
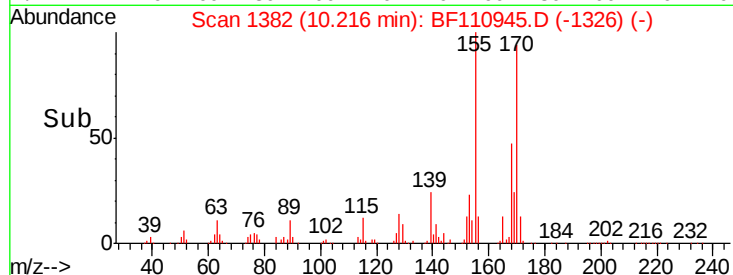


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 64.247 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

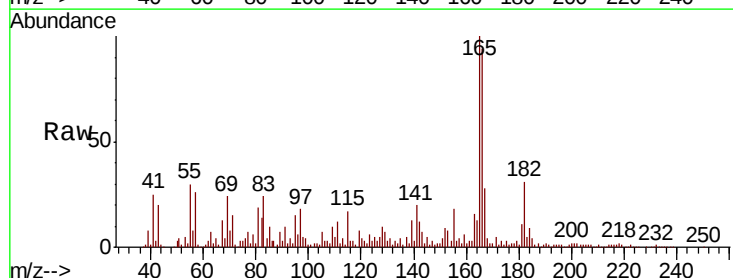
Tgt Ion:166 Resp: 399534

Ion Ratio Lower Upper

166 100

165 106.6 78.6 117.8

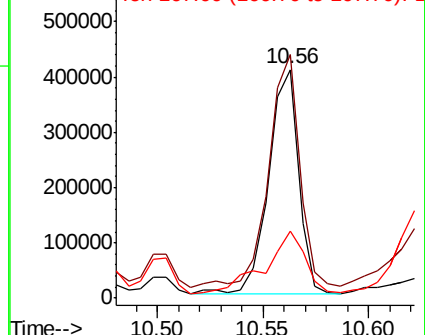
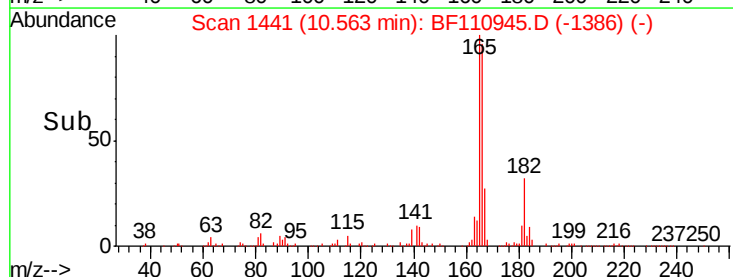
167 29.5 10.8 16.2#

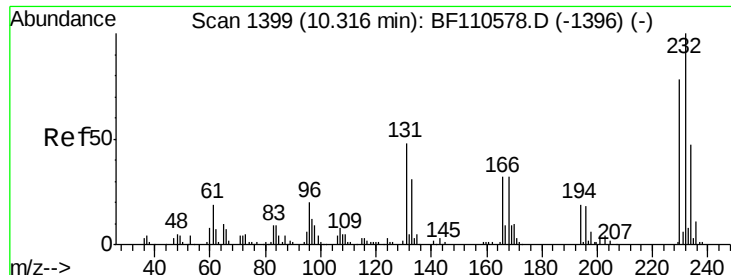


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

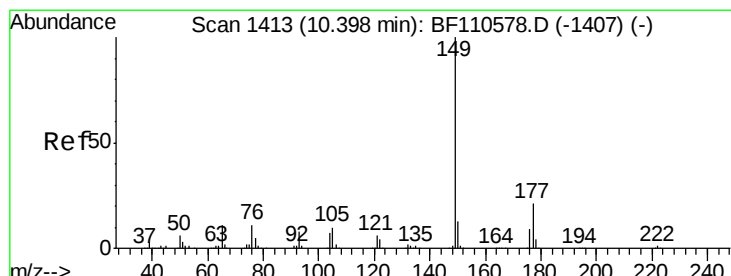
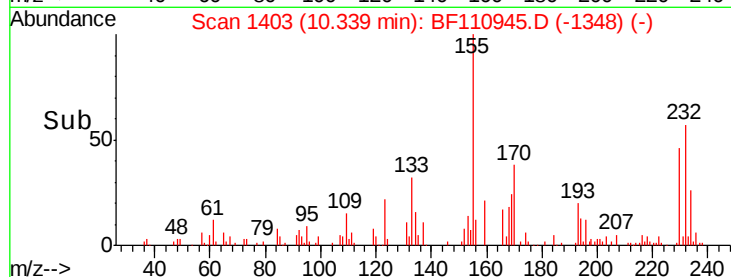
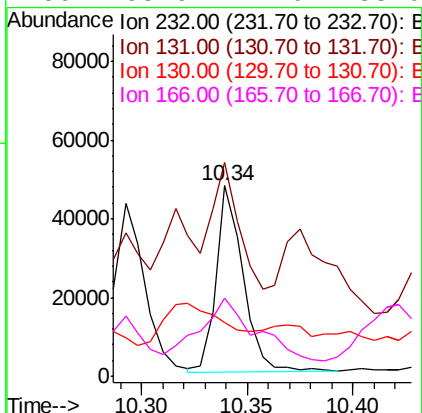
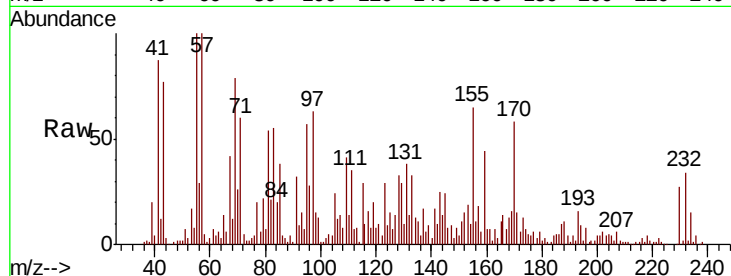




#59
2,3,4,6-Tetrachlorophenol
Concen: 27.937 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

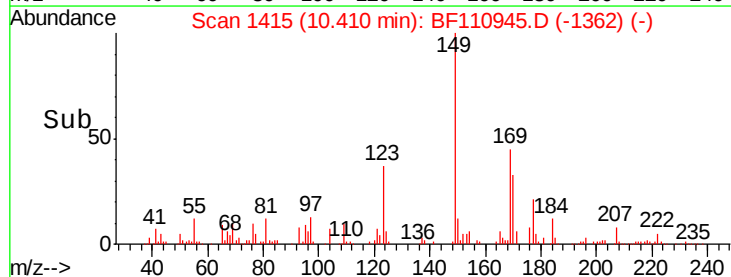
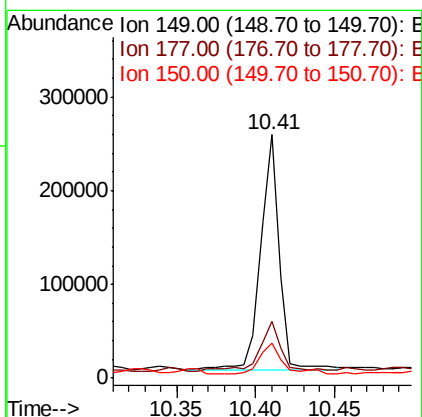
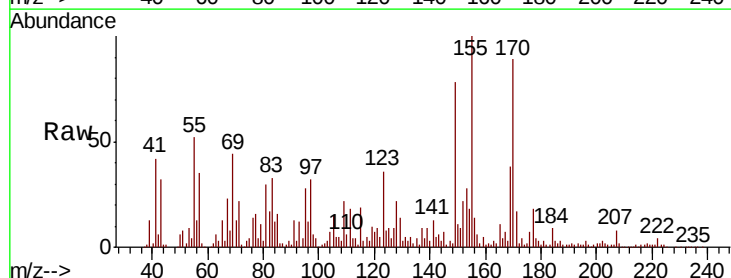
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMS

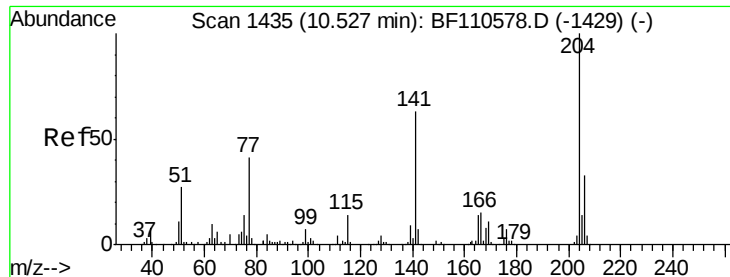
Tgt Ion: 232 Resp: 42188
Ion Ratio Lower Upper
232 100
131 83.8 37.0 55.4#
130 0.0 1.8 2.6#
166 68.6 22.0 33.0#



#60
Diethylphthalate
Concen: 31.417 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion: 149 Resp: 209823
Ion Ratio Lower Upper
149 100
177 23.2 17.4 26.2
150 14.3 9.8 14.8

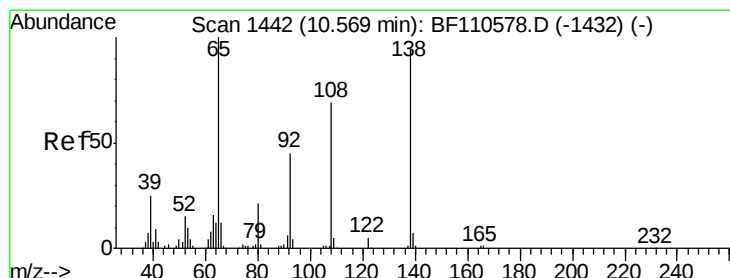
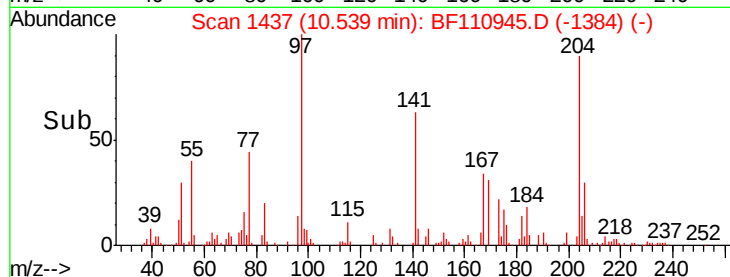
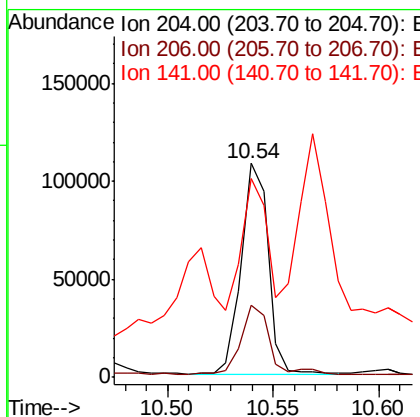
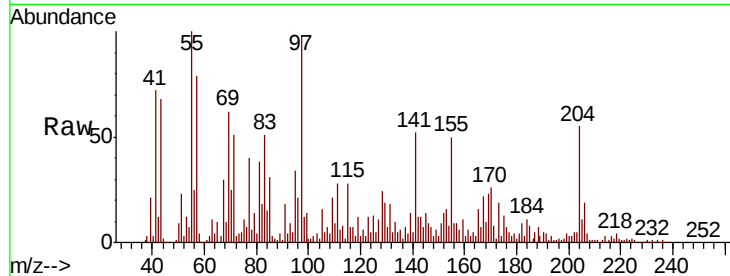




#61
 4-Chlorophenyl-phenylether
 Concen: 29.525 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

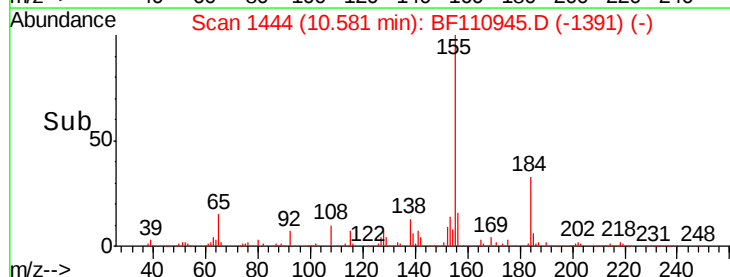
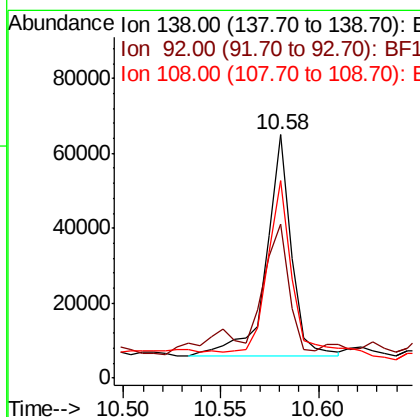
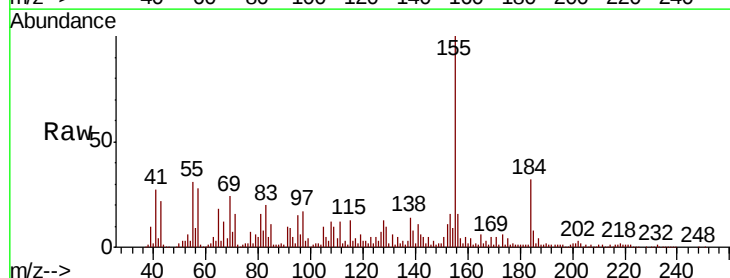
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMS

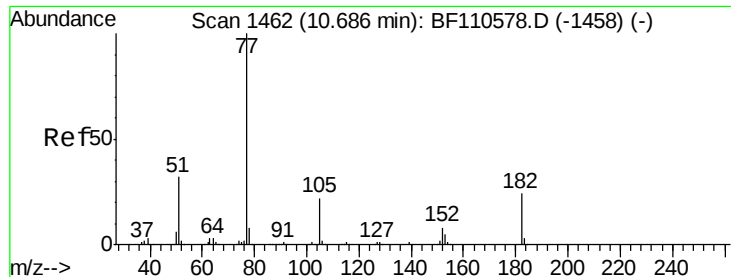
Tgt Ion: 204 Resp: 95065
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.5 39.7
 141 93.4 51.8 77.8#



#62
 4-Nitroaniline
 Concen: 30.057 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion: 138 Resp: 52073
 Ion Ratio Lower Upper
 138 100
 92 63.5 31.7 71.7
 108 81.1 59.3 99.3

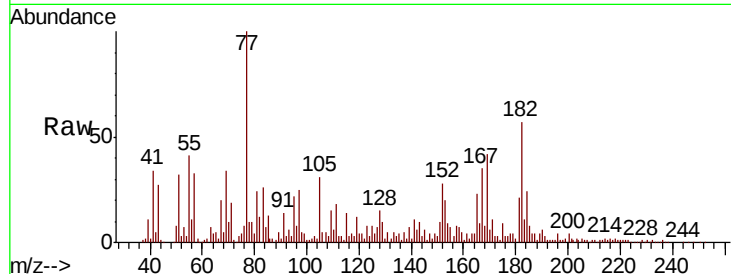




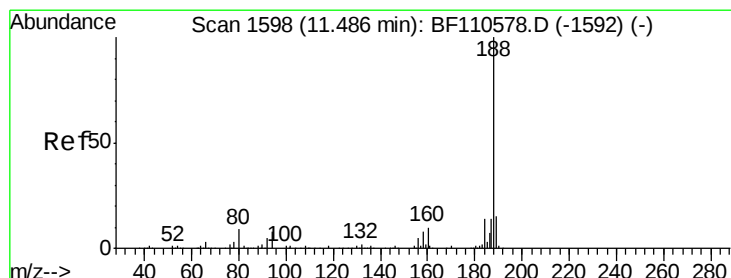
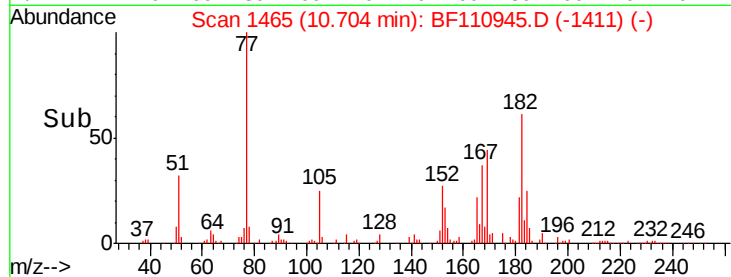
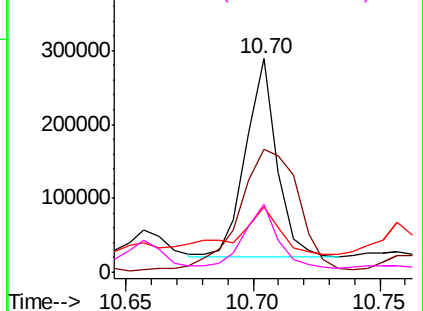
#63
Azobenzene
Concen: 35.411 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tgt Ion:	77	Resp:	230737
Ion	Ratio	Lower	Upper
77	100		
182	57.4	4.3	44.3#
105	30.6	1.3	41.3
51	31.9	9.0	49.0

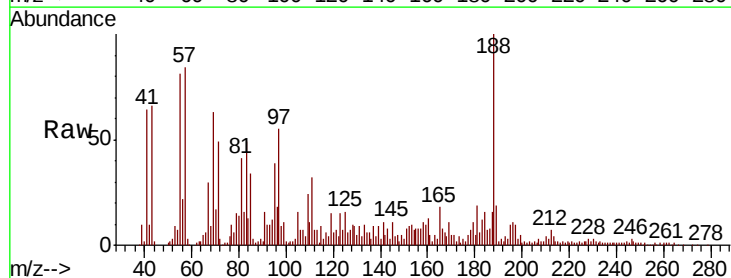


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

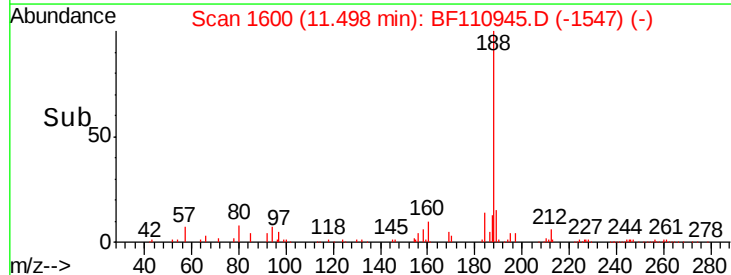
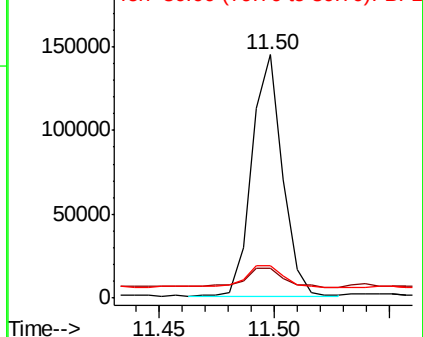


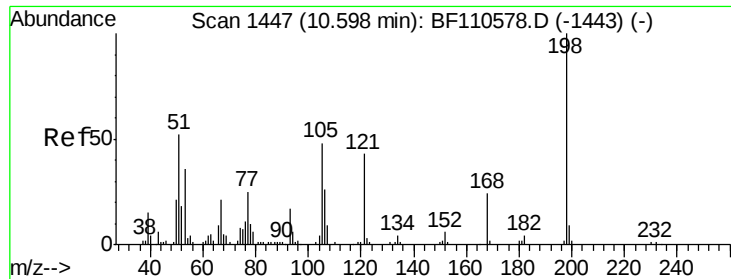
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion:	188	Resp:	132128
Ion	Ratio	Lower	Upper
188	100		
94	12.4	7.2	10.8#
80	13.6	7.9	11.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 24.232 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.04 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

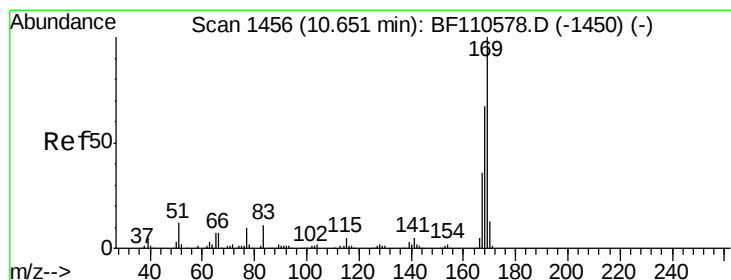
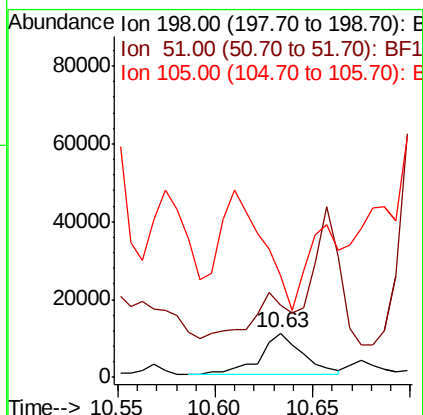
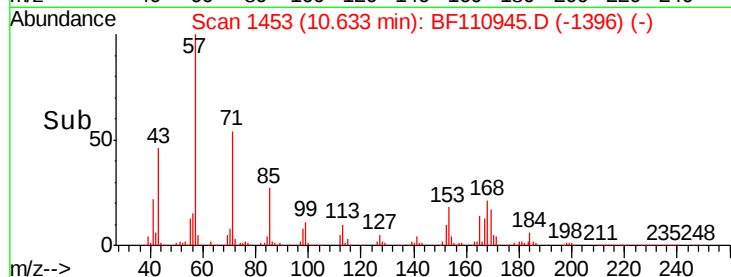
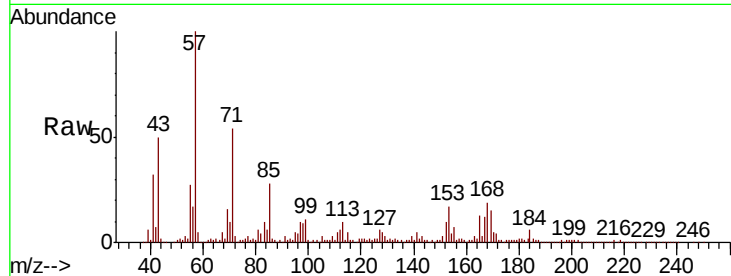
Tgt Ion:198 Resp: 16136

Ion Ratio Lower Upper

198 100

51 163.2 22.8 62.8#

105 230.1 23.6 63.6#



#66

n-Nitrosodiphenylamine

Concen: 142.716 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

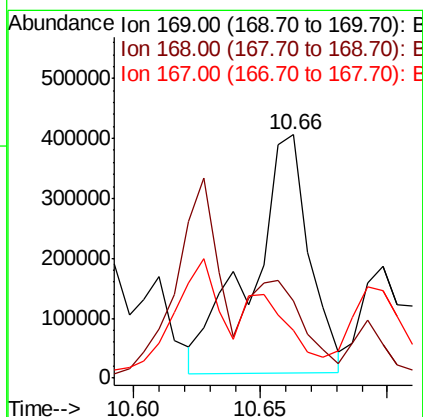
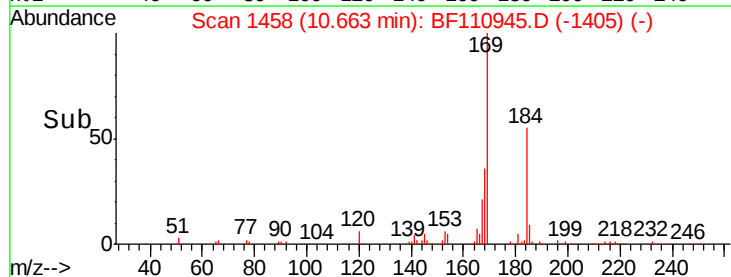
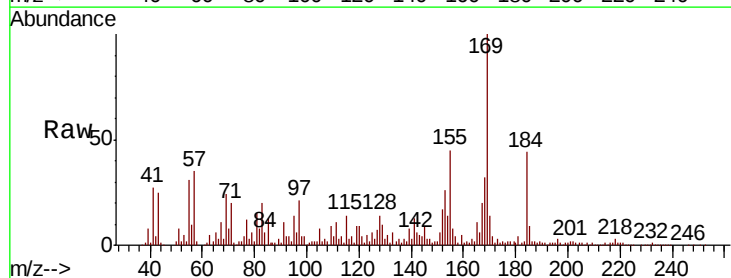
Tgt Ion:169 Resp: 635601

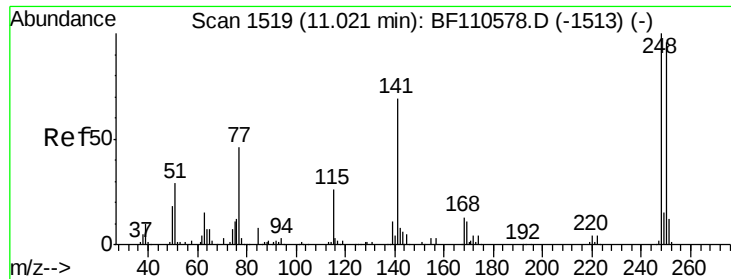
Ion Ratio Lower Upper

169 100

168 31.5 51.2 76.8#

167 19.6 27.8 41.6#

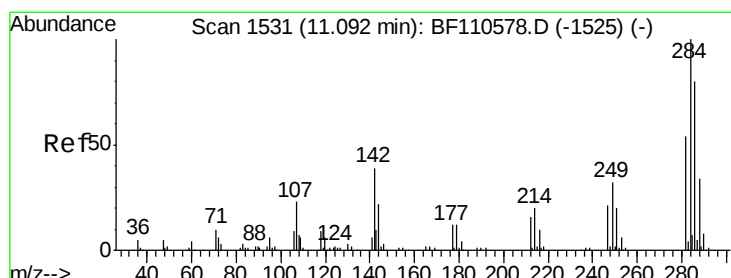
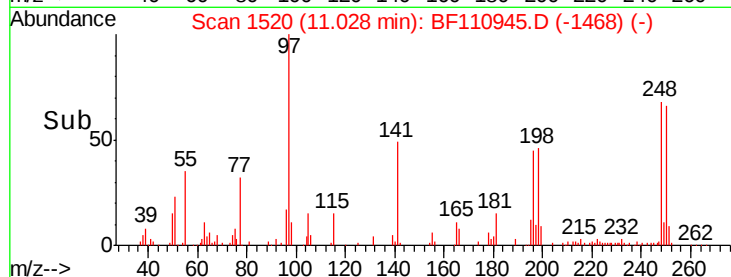
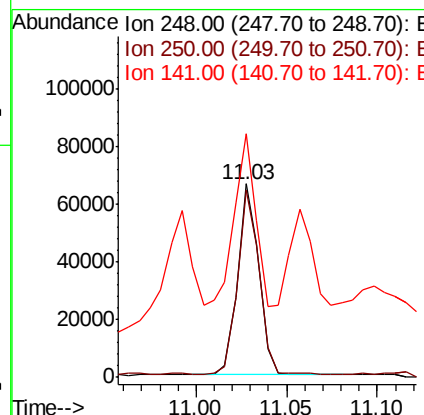
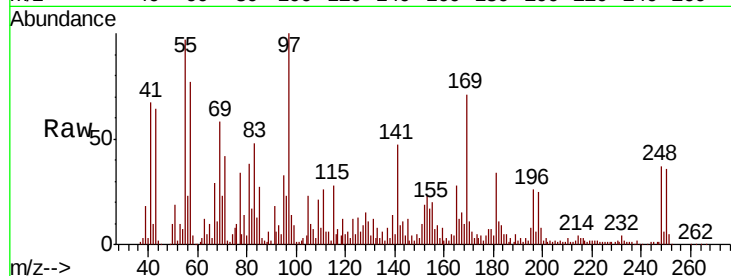




#67
4-Bromophenyl-phenylether
Concen: 36.780 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

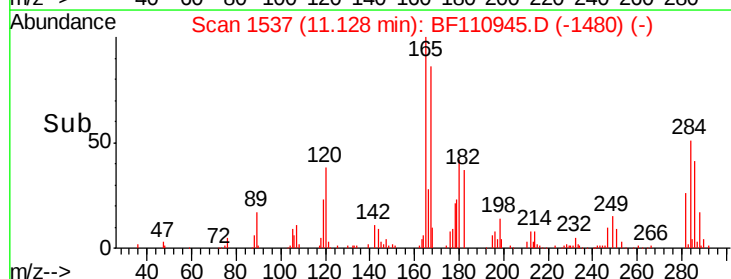
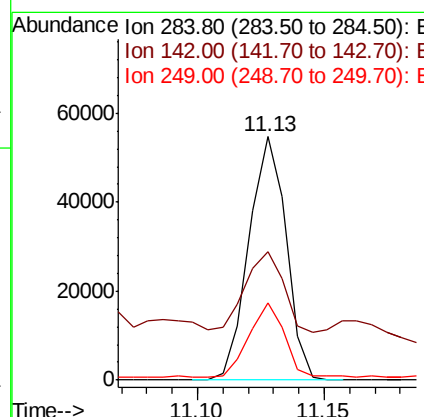
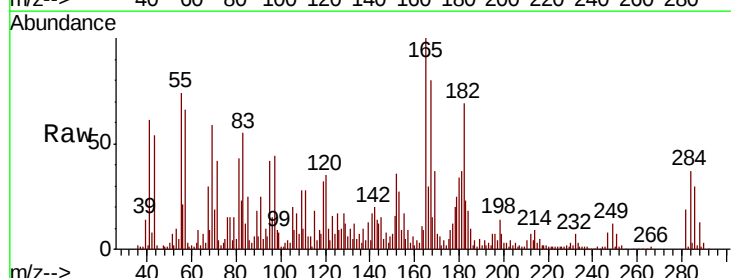
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMS

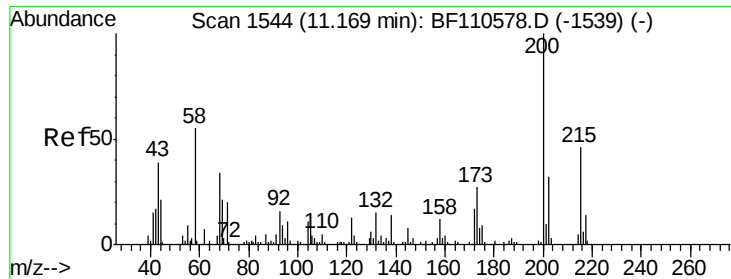
Tgt Ion:248 Resp: 53709
Ion Ratio Lower Upper
248 100
250 96.8 79.4 119.2
141 125.9 55.9 83.9#



#68
Hexachlorobenzene
Concen: 36.309 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.04 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion:284 Resp: 55901
Ion Ratio Lower Upper
284 100
142 52.9 23.9 35.9#
249 31.6 24.2 36.2

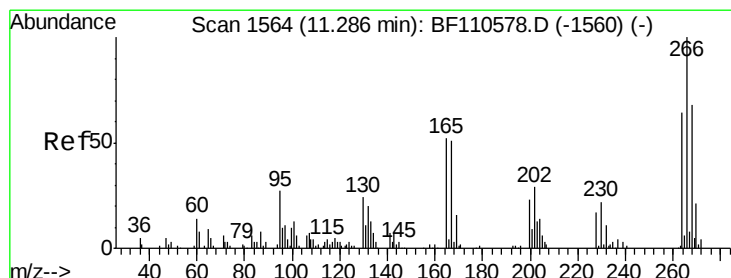
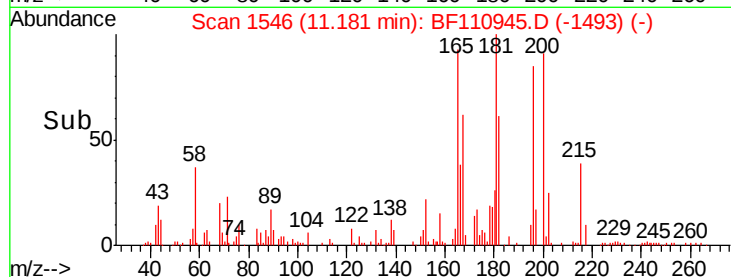
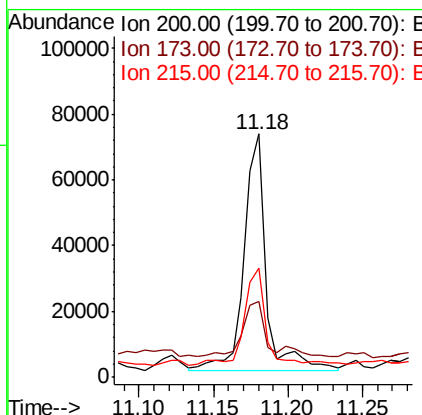
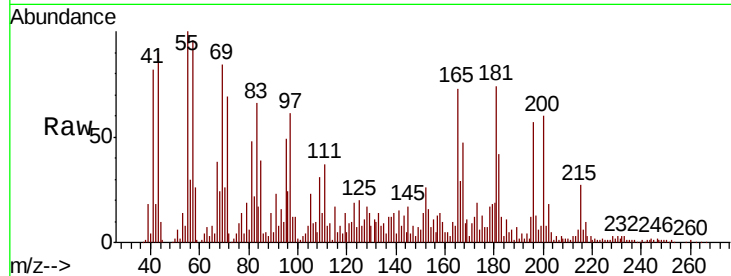




#69
 Atrazine
 Concen: 54.358 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

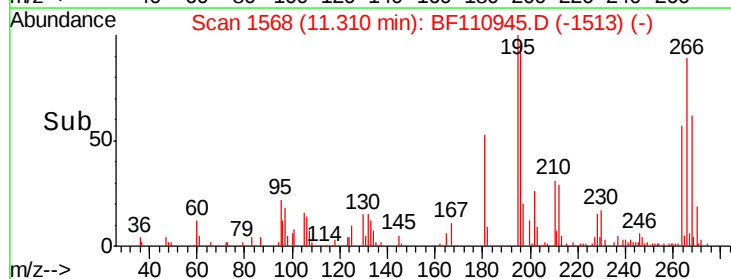
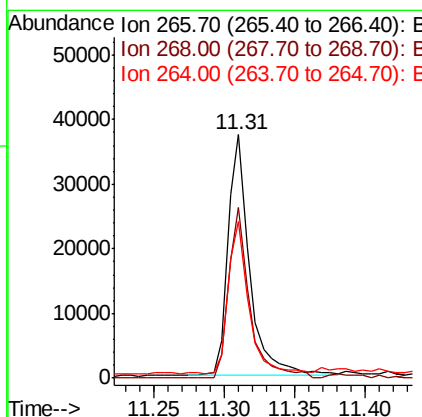
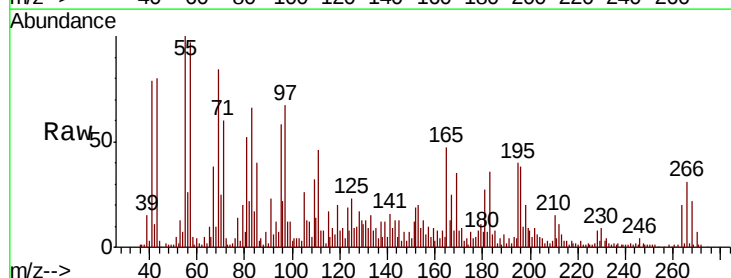
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMS

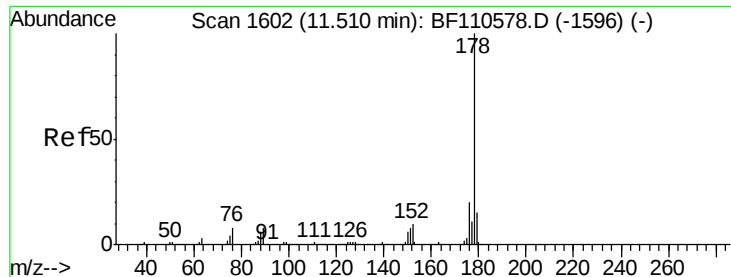
Tgt Ion:	200	Resp:	74022
Ion Ratio	Lower	Upper	
200	100		
173	31.1	6.6	46.6
215	44.7	26.3	66.3



#70
 Pentachlorophenol
 Concen: 48.448 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.02 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion:	266	Resp:	39800
Ion Ratio	Lower	Upper	
266	100		
268	70.1	50.6	75.8
264	64.3	50.6	75.8





#71

Phenanthrene

Concen: 116.120 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

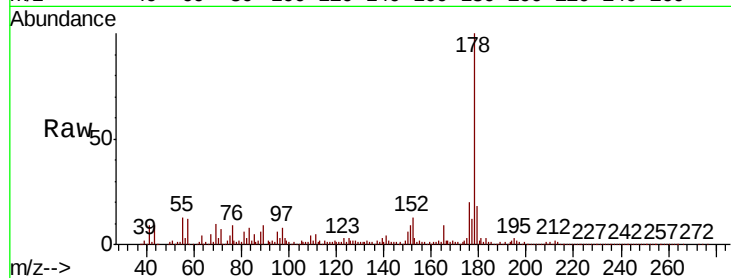
Tgt Ion:178 Resp: 821987

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

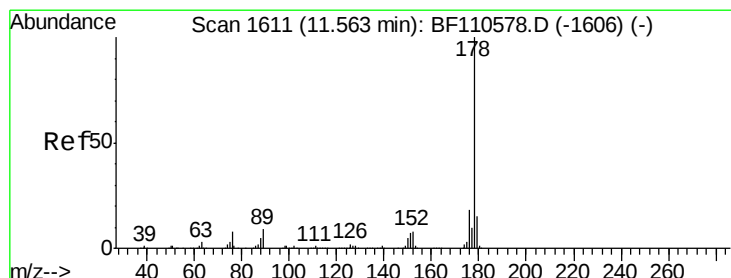
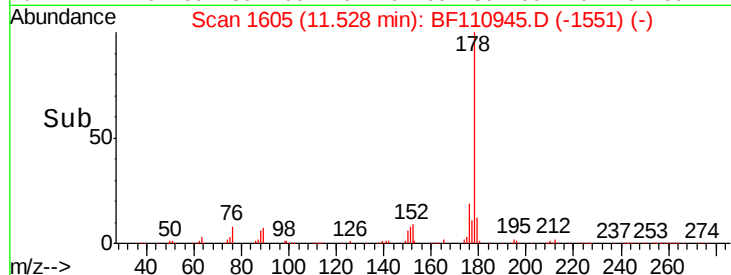
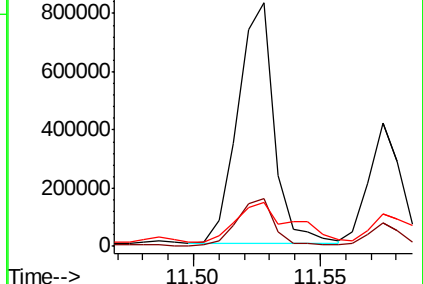
179 18.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 114.983 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.04 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

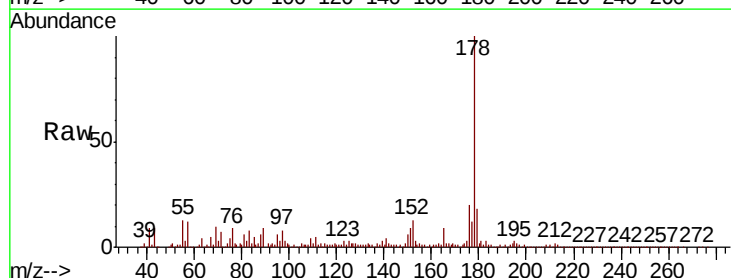
Tgt Ion:178 Resp: 821062

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

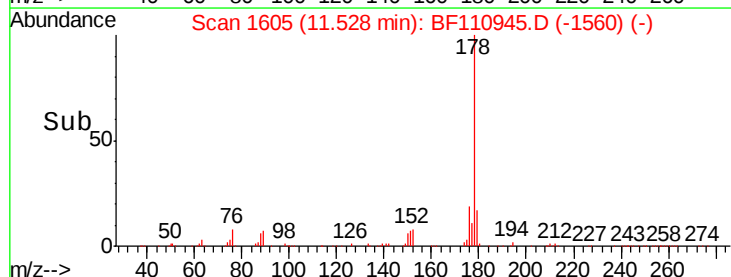
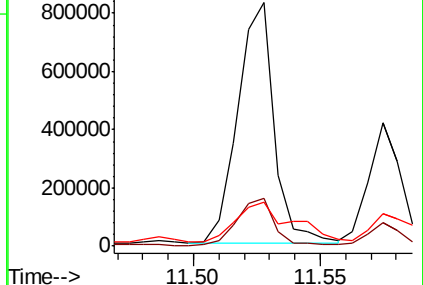
179 18.3 12.6 18.8

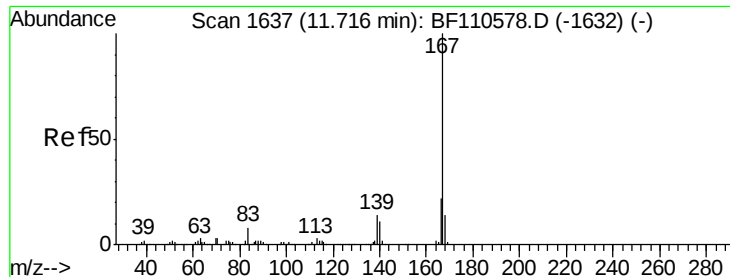


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

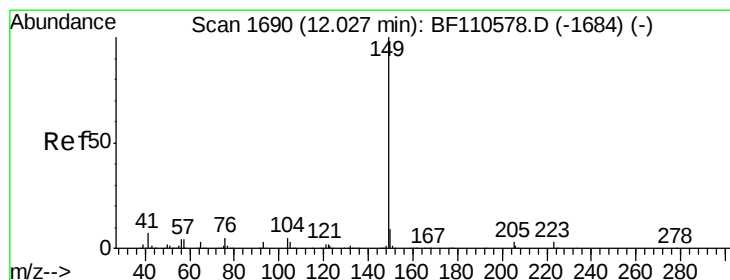
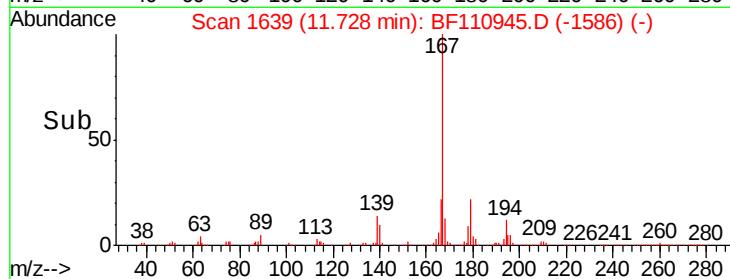
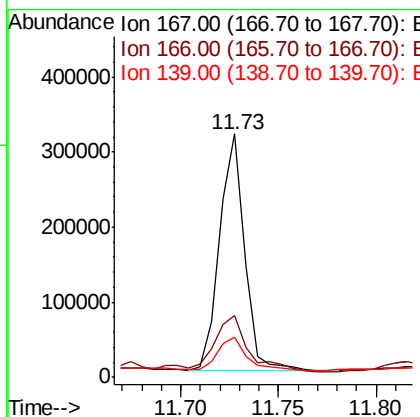
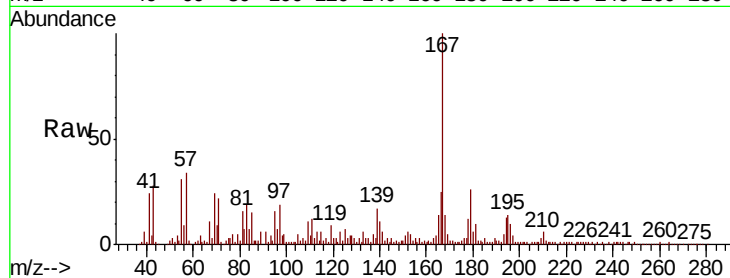




#73
 Carbazole
 Concen: 41.057 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

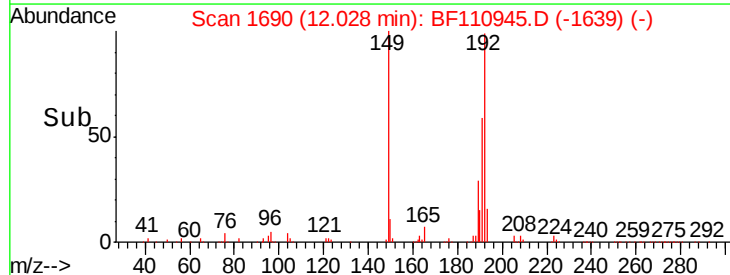
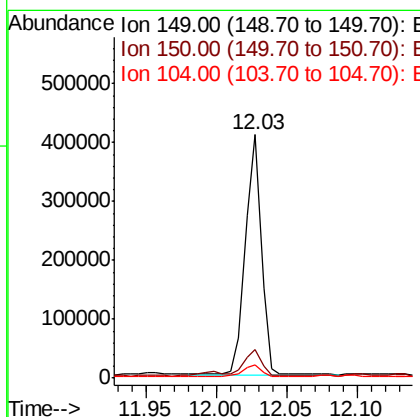
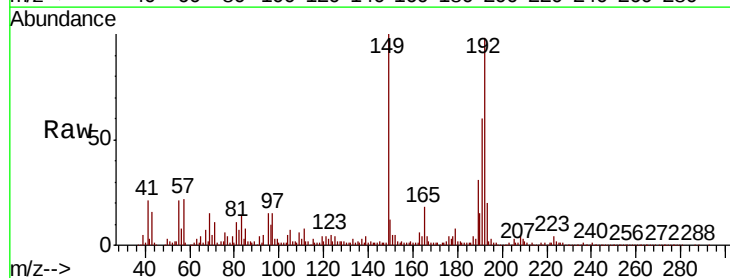
Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMS

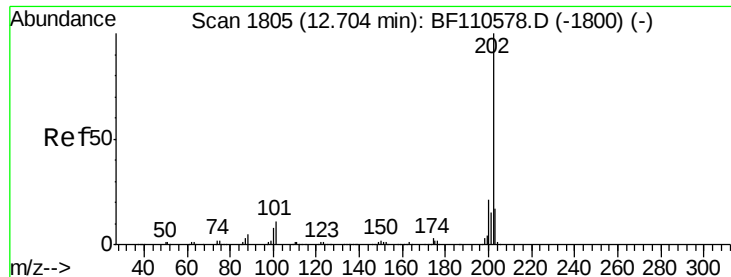
Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.2	17.4	26.0
139	16.6	10.9	16.3#



#74
 Di-n-butylphthalate
 Concen: 40.688 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.9	7.7	11.5#
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 50.905 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

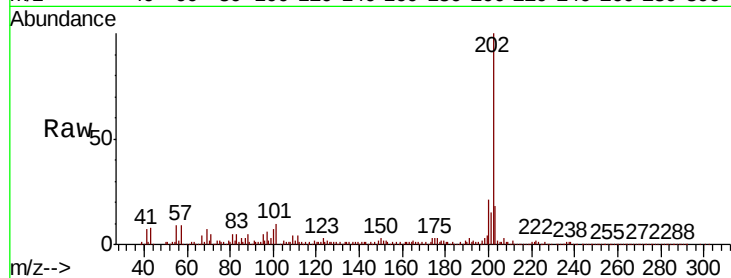
Tgt Ion:202 Resp: 361265

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.4

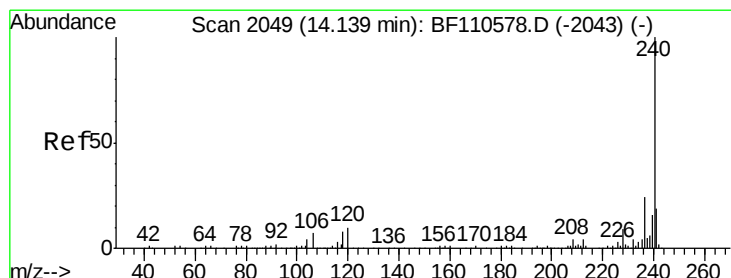
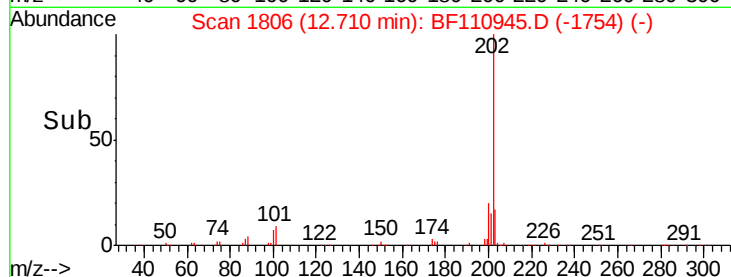
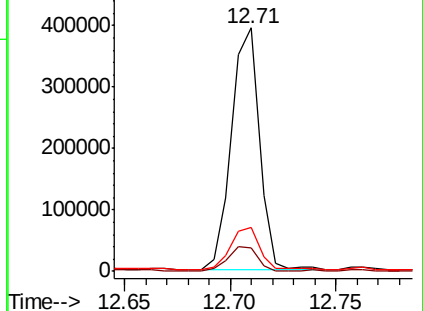
203 18.0 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

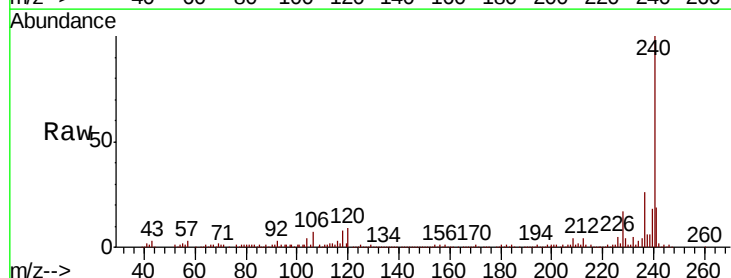
Tgt Ion:240 Resp: 132479

Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

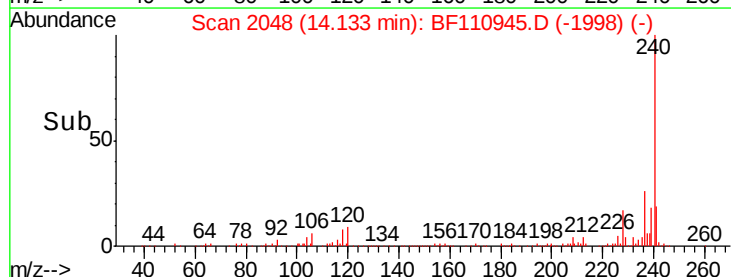
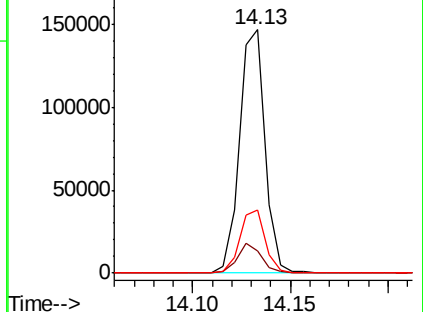
236 25.7 21.2 31.8

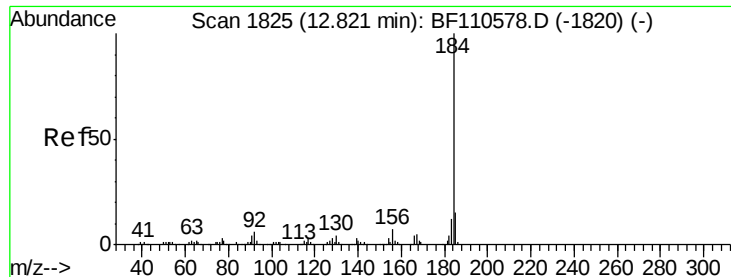


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.971 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

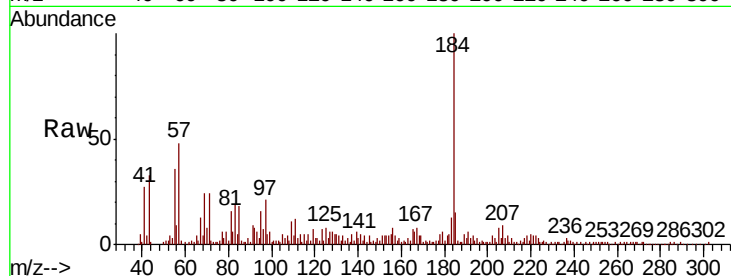
Tgt Ion:184 Resp: 94616

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.2

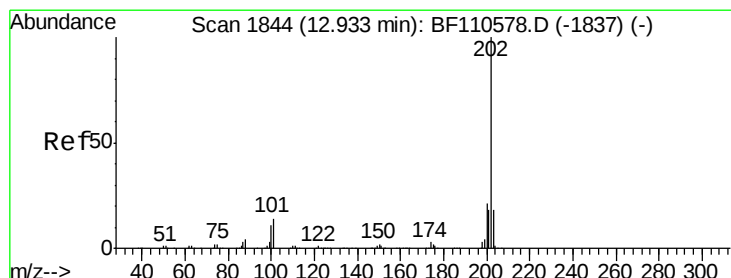
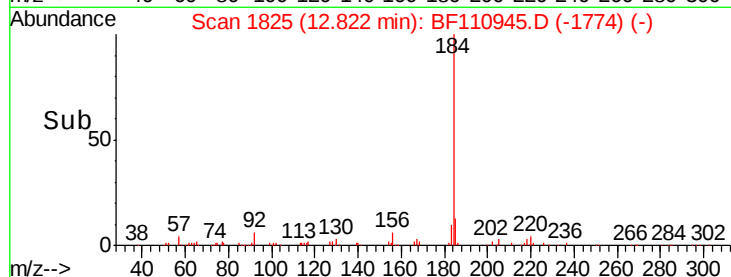
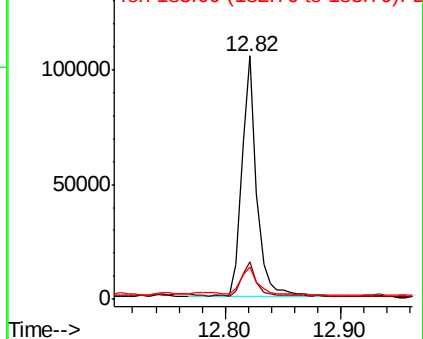
183 13.3 9.4 14.2



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: 38.381 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

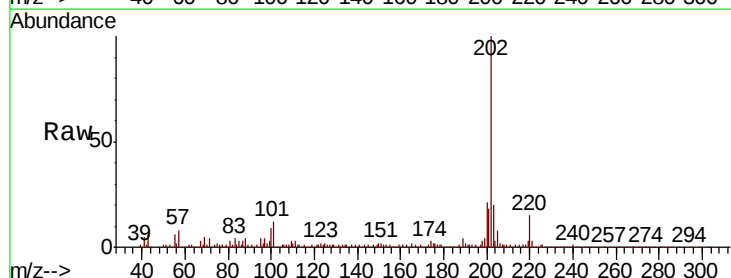
Tgt Ion:202 Resp: 391513

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

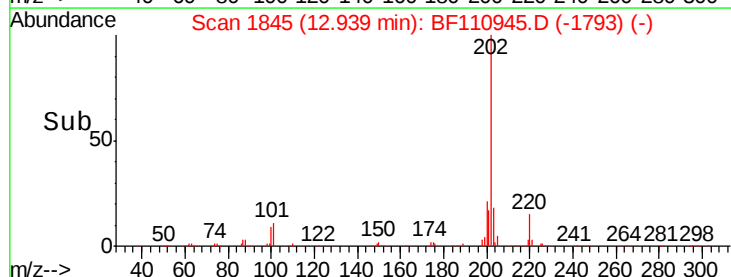
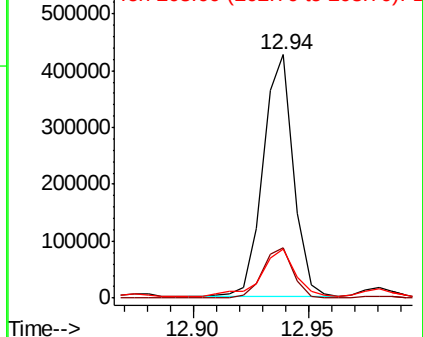
203 20.0 14.2 21.4

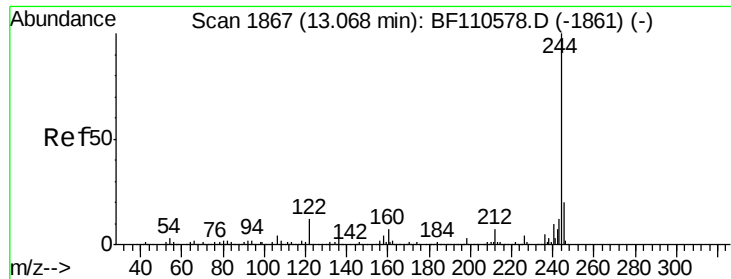


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.630 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

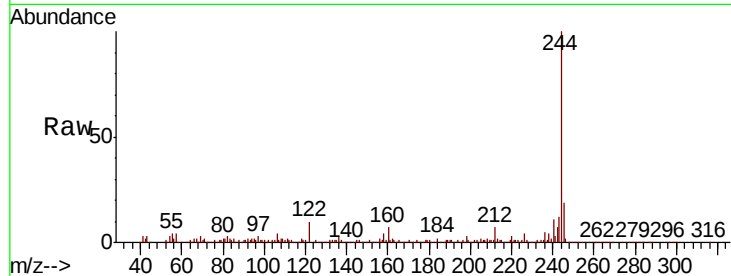
Tgt Ion:244 Resp: 471339

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

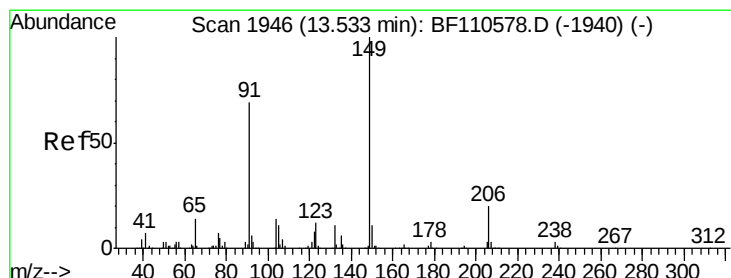
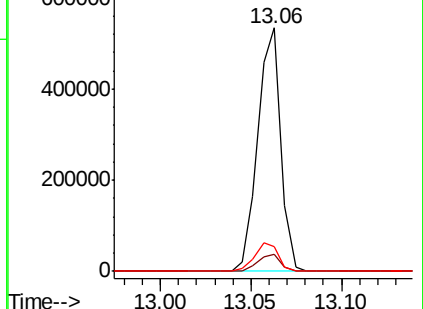
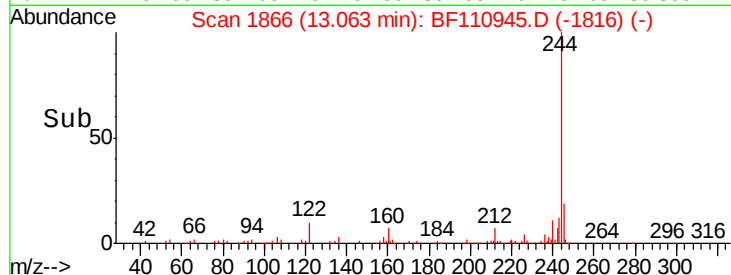
122 10.4 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.746 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

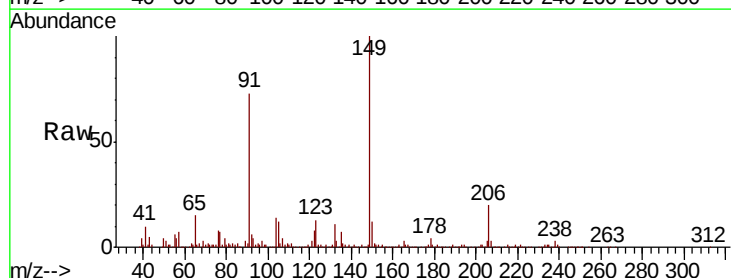
Tgt Ion:149 Resp: 156939

Ion Ratio Lower Upper

149 100

91 72.5 57.2 85.8

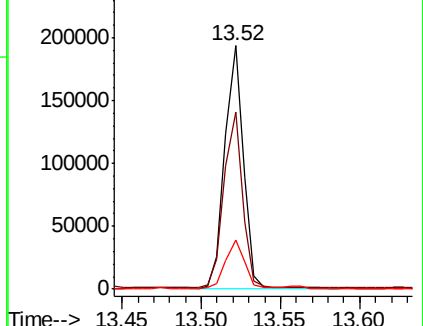
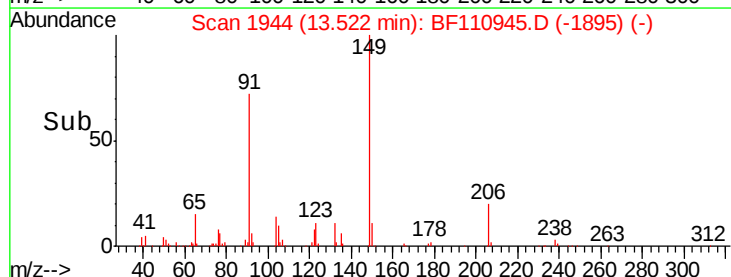
206 20.4 15.7 23.5

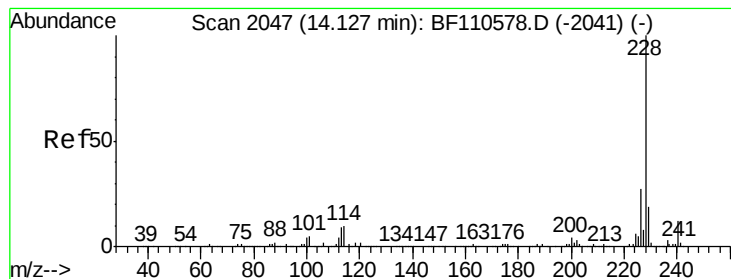


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.705 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

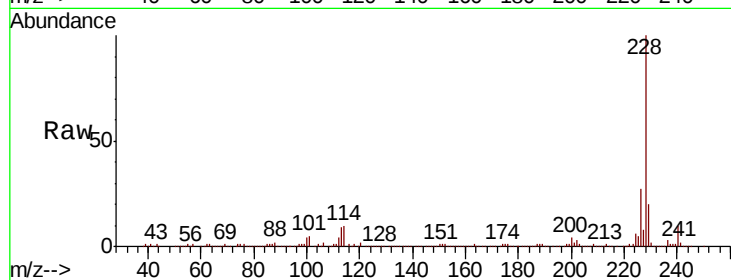
Tgt Ion:228 Resp: 346072

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

229 19.8 15.6 23.4

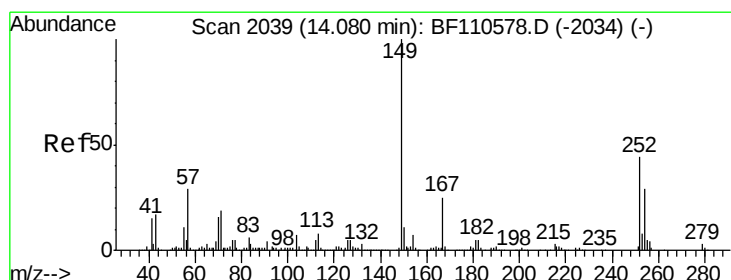
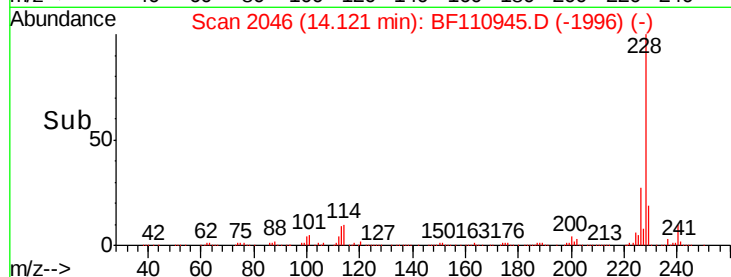
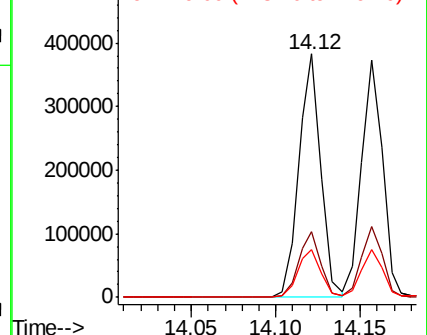


Abundance

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: 15.264 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

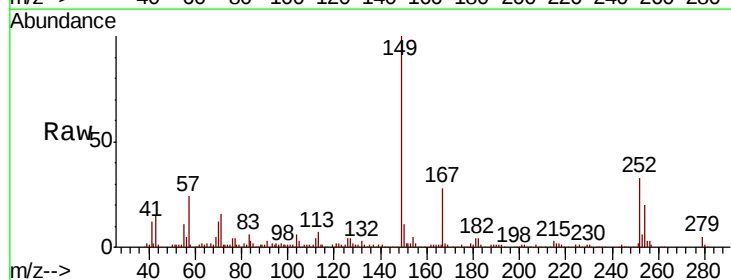
Tgt Ion:252 Resp: 40490

Ion Ratio Lower Upper

252 100

254 61.1 51.3 76.9

126 12.2 9.4 14.2

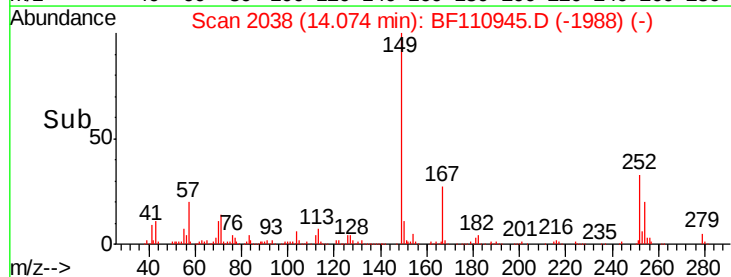
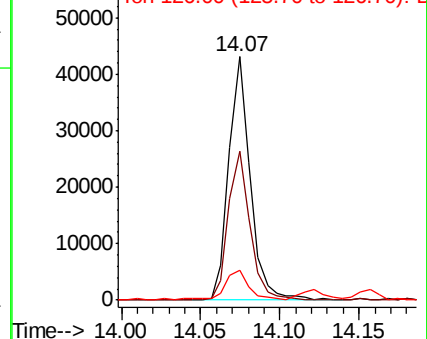


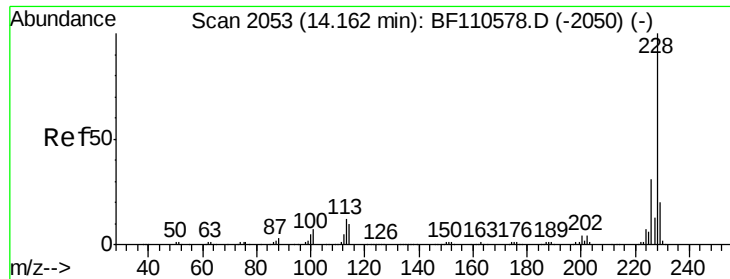
Abundance

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: 43.104 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

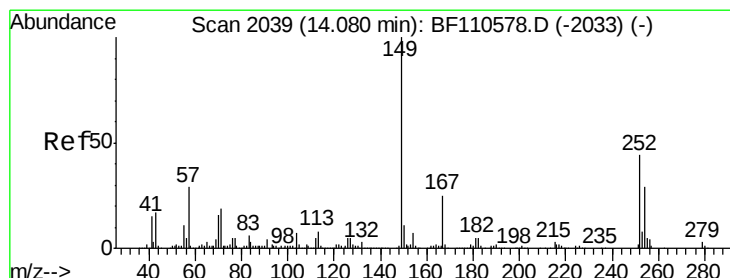
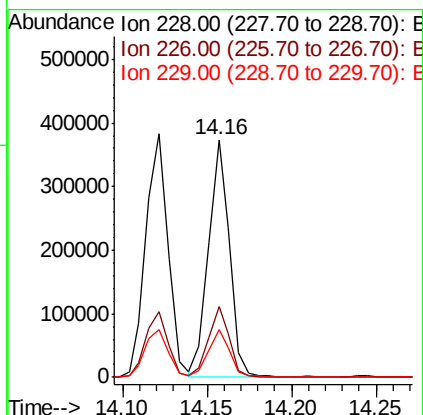
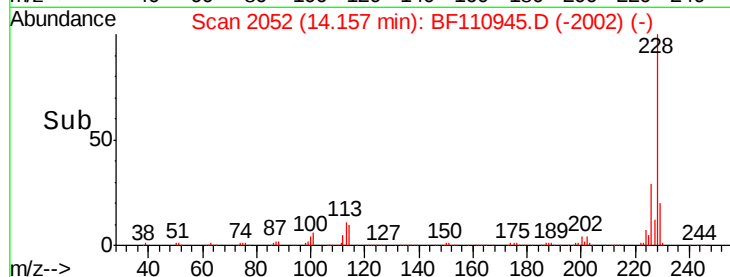
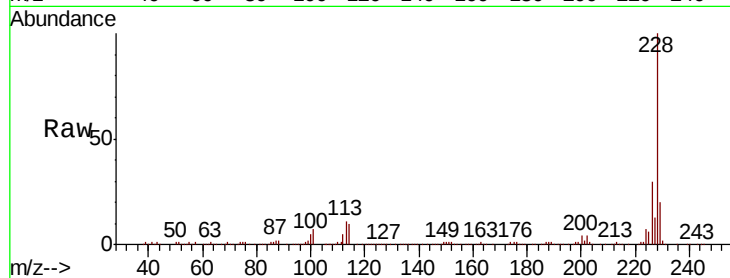
Tgt Ion:228 Resp: 325175

Ion Ratio Lower Upper

228 100

226 29.6 24.7 37.1

229 20.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.589 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

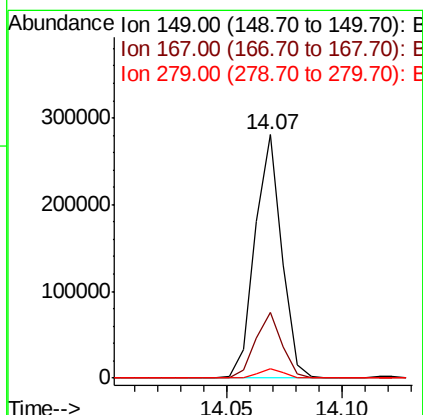
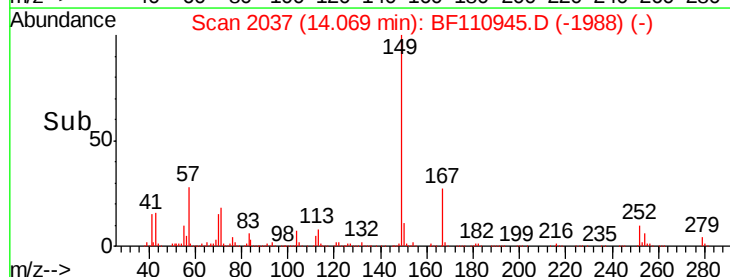
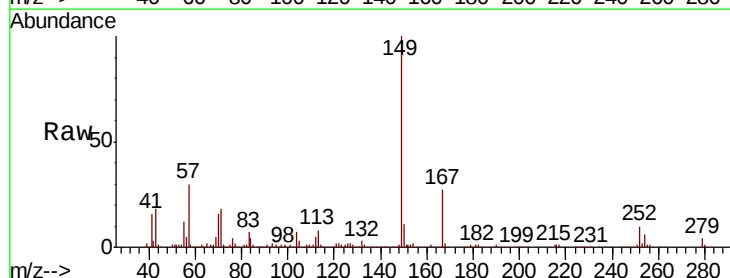
Tgt Ion:149 Resp: 226511

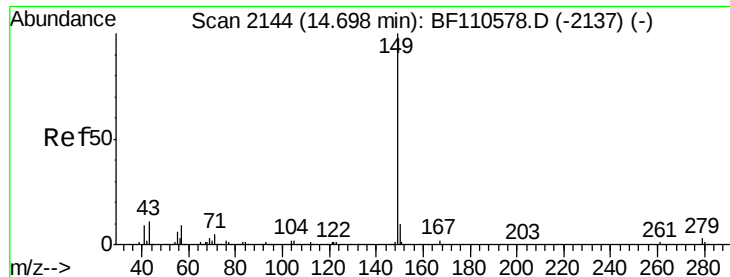
Ion Ratio Lower Upper

149 100

167 27.0 19.8 29.8

279 3.7 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 50.554 ng

RT: 14.69 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

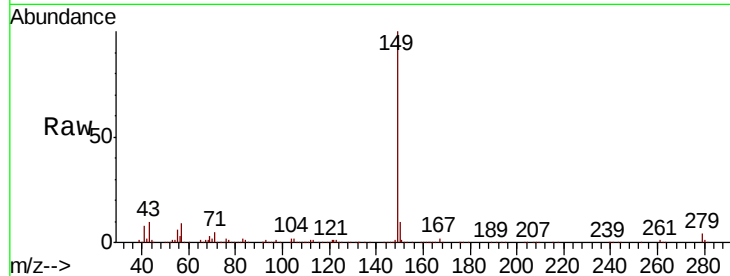
Tgt Ion:149 Resp: 404891

Ion Ratio Lower Upper

149 100

167 1.8 1.1 1.7#

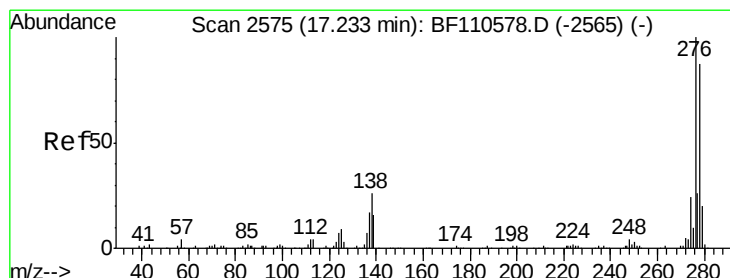
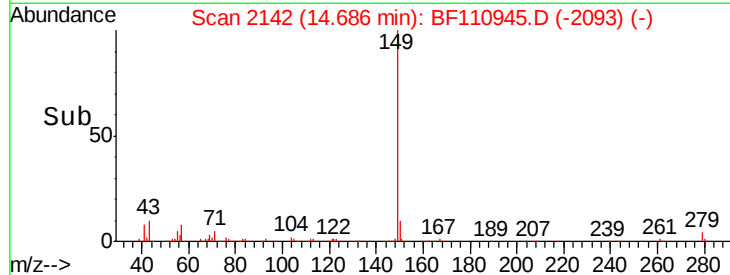
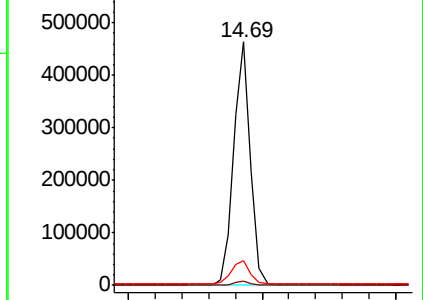
43 10.4 7.8 11.8



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: 65.256 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

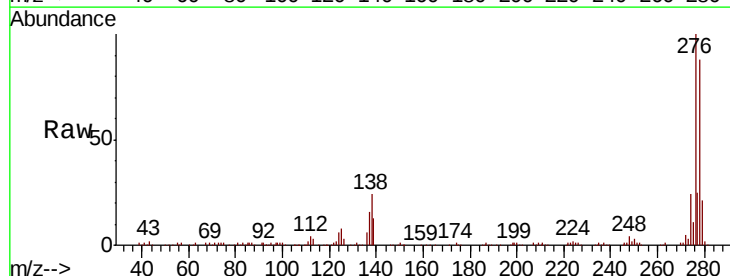
Tgt Ion:276 Resp: 353260

Ion Ratio Lower Upper

276 100

138 24.3 18.5 27.7

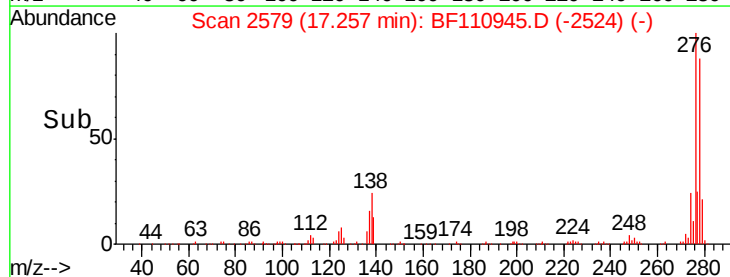
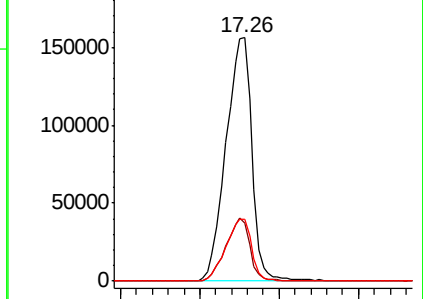
277 25.3 20.0 30.0

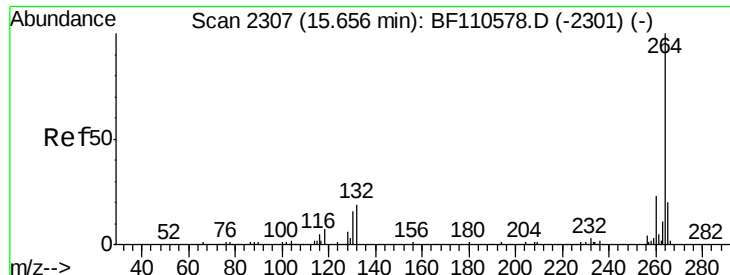


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



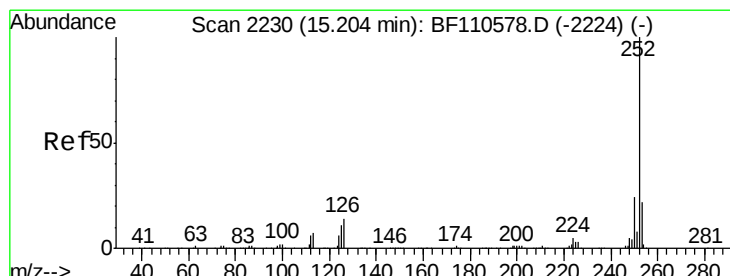
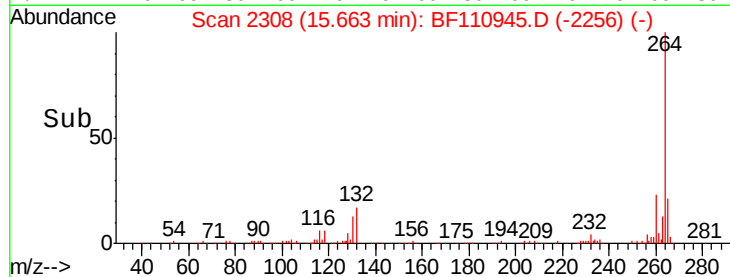
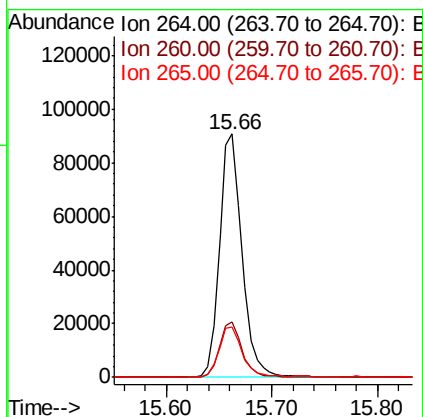
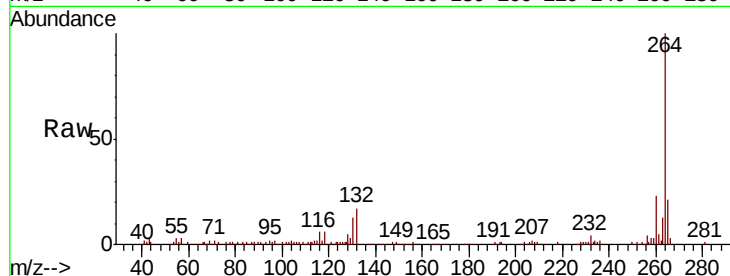


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tgt Ion: 264 Resp: 134994

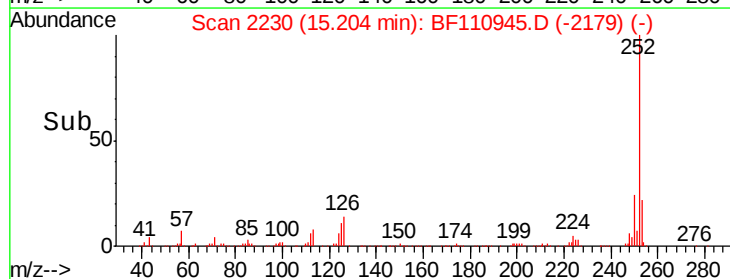
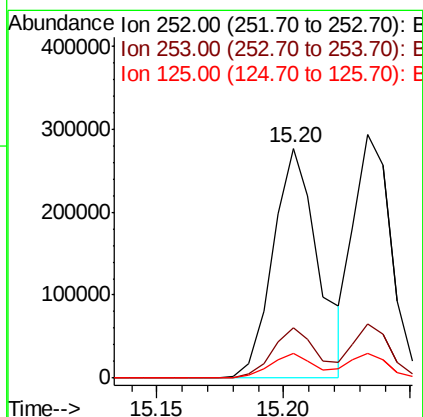
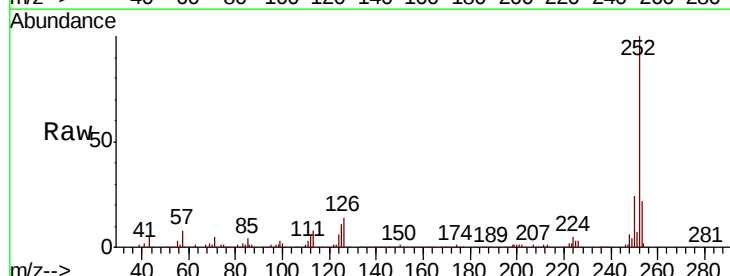
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.9	16.7	25.1

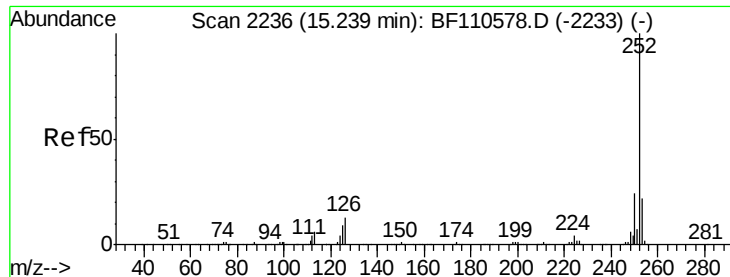


#88
Benzo(b)fluoranthene
Concen: 42.699 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion: 252 Resp: 344830

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.9	8.2	12.4

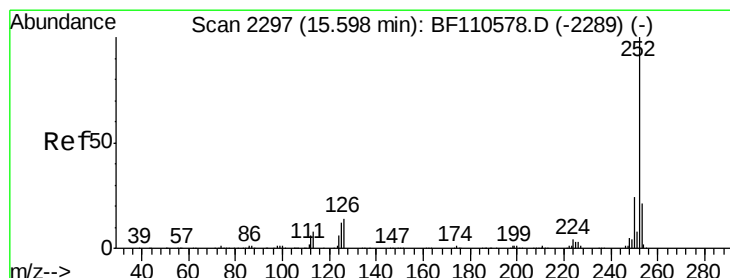
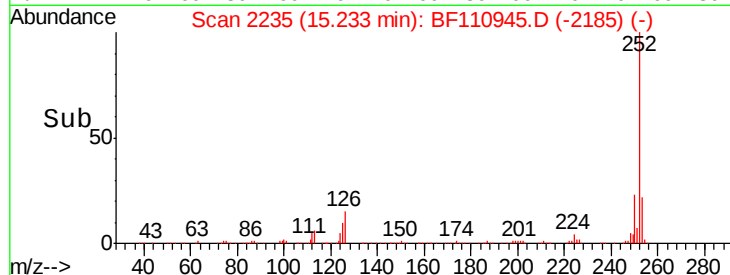
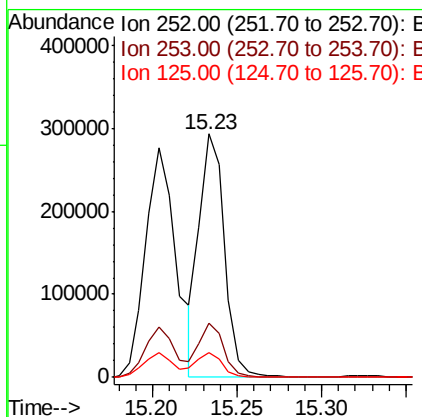
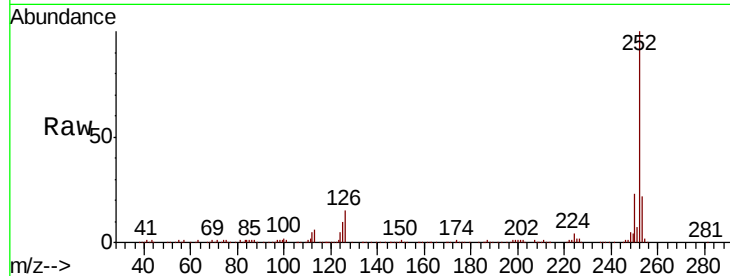




#89
Benzo(k)fluoranthene
Concen: 37.856 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

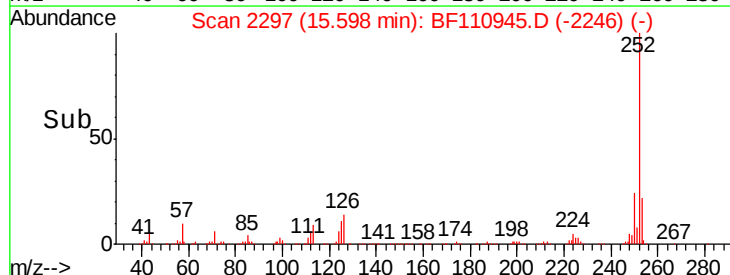
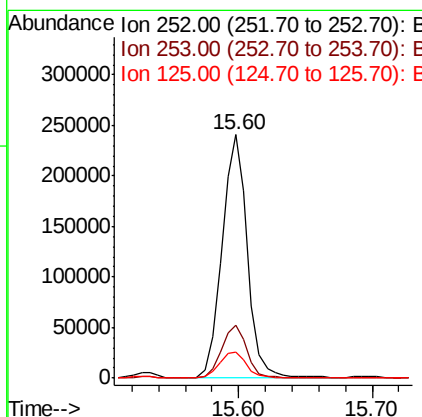
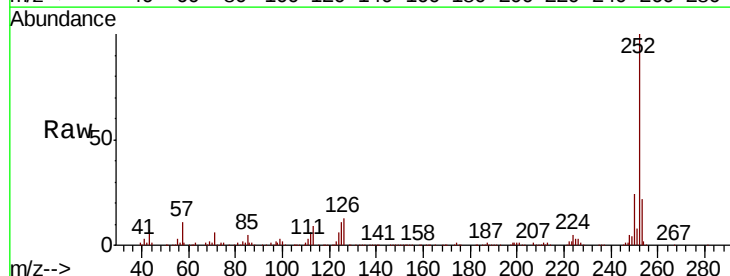
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMS

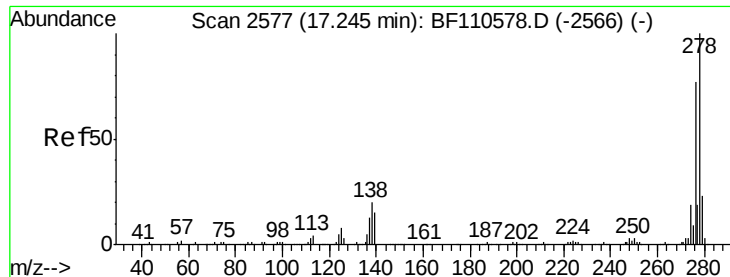
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.9	7.4	11.0



#90
Benzo(a)pyrene
Concen: 43.708 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.9	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 47.091 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

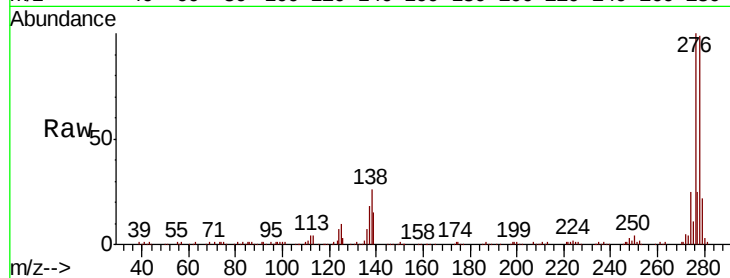
Tgt Ion:278 Resp: 292405

Ion Ratio Lower Upper

278 100

139 15.3 12.7 19.1

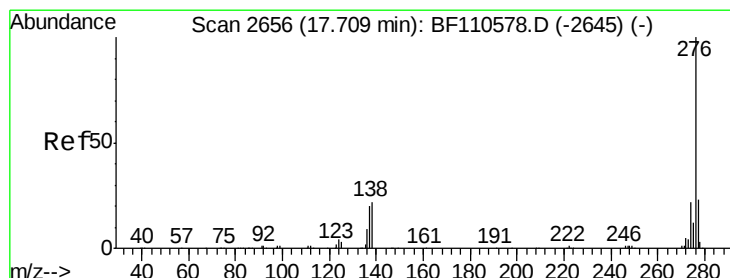
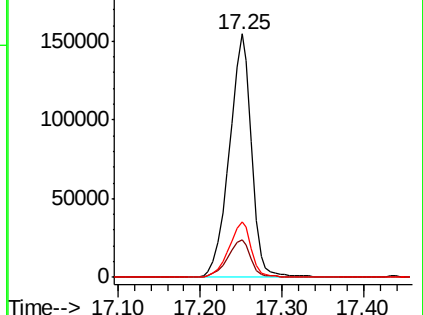
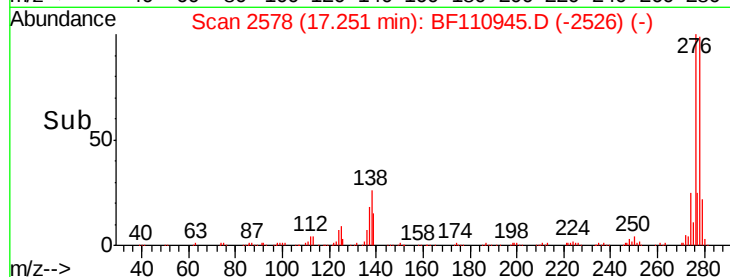
279 22.6 19.0 28.4



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



#92

Benzo(g,h,i)perylene

Concen: 45.916 ng

RT: 17.73 min Scan# 2659

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

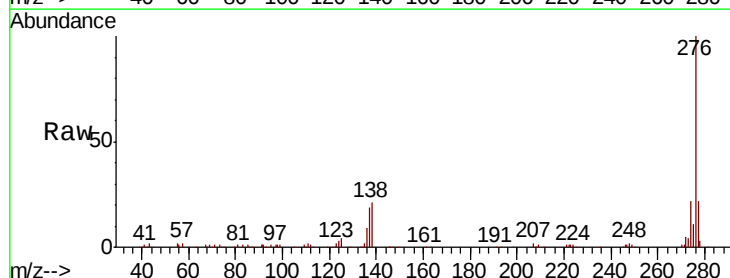
Tgt Ion:276 Resp: 282879

Ion Ratio Lower Upper

276 100

277 21.9 18.8 28.2

138 20.8 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

