Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110100.D
Acq On : 24 Oct 2018 1:38
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 8PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:20 PM

Quant Time: Oct 24 07:50:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	155590	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	656643	20.00	ng		-0.02
39) Acenaphthene-d10	10.00	164	319624	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	615762	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	517437	20.00	ng		-0.02
87) Perylene-d12	15.66	264	443360	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1247996	130.62	ng		-0.02
7) Phenol-d6	6.59	99	1569211	128.40	ng		-0.02
23) Nitrobenzene-d5	7.53	82	892254	80.60	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	418347	132.13	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	1656596	81.39	ng		-0.02
79) Terphenyl-d14	13.09	244	1725706	69.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	33567	6.706	ng		93
3) Pyridine	3.65	79	85142	7.636	ng		86
4) n-Nitrosodimethylamine	3.55	42	40740	8.722	ng	#	94
6) Aniline	6.63	93	119277	7.492	ng	#	53
8) 2-Chlorophenol	6.75	128	91772	8.331	ng		95
9) Benzaldehyde	6.52	77	61792	6.473	ng		95
10) Phenol	6.60	94	105286	8.060	ng	#	63
11) bis(2-Chloroethyl)ether	6.69	93	86893	8.085	ng		91
12) 1,3-Dichlorobenzene	6.90	146	99542	8.211	ng		97
13) 1,4-Dichlorobenzene	6.98	146	101939	8.315	ng		98
14) 1,2-Dichlorobenzene	7.13	146	96187	8.451	ng		98
15) Benzyl Alcohol	7.10	79	85513	9.098	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	145996	8.496	ng		66
17) 2-Methylphenol	7.20	107	72999	8.315	ng	#	83
18) Hexachloroethane	7.47	117	36242	8.074	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	63888	8.149	ng		93
20) 3+4-Methylphenols	7.35	107	99080	8.731	ng	#	85
22) Acetophenone	7.36	105	133725	8.838	ng	#	96
24) Nitrobenzene	7.55	77	97438	8.525	ng		91
25) Isophorone	7.77	82	174788	9.262	ng		96
26) 2-Nitrophenol	7.86	139	40801	7.502	ng		97
27) 2,4-Dimethylphenol	7.89	122	82185	9.114	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	111251	8.678	ng		99
29) 2,4-Dichlorophenol	8.09	162	75357	8.272	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	84095	8.241	ng		96
31) Naphthalene	8.27	128	277267	9.162	ng		98
32) Benzoic acid	7.95	122	30728m	4.409	ng		
33) 4-Chloroaniline	8.31	127	92263	6.774	ng		99
34) Hexachlorobutadiene	8.38	225	45661	8.059	ng		98
35) Caprolactam	8.65	113	22921	7.218	ng	#	85
36) 4-Chloro-3-methylphenol	8.78	107	80724	8.194	ng		96
37) 2-Methylnaphthalene	8.96	142	192068	9.592	ng		99
38) 1-Methylnaphthalene	9.06	142	182052	9.408	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	80716	8.105	ng		98

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Manual Integrations APPROVED
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Quant Time: Oct 24 07:50:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	41848	8.218	ng		99
43) 2,4,6-Trichlorophenol	9.23	196	49651	7.730	ng		99
44) 2,4,5-Trichlorophenol	9.27	196	53961	7.947	ng		95
46) 1,1'-Biphenyl	9.42	154	240560	8.323	ng		98
47) 2-Chloronaphthalene	9.45	162	181775	8.574	ng		97
48) 2-Nitroaniline	9.54	65	51625	8.035	ng		98
49) Acenaphthylene	9.87	152	280992	9.176	ng		99
50) Dimethylphthalate	9.72	163	203655	8.632	ng		98
51) 2,6-Dinitrotoluene	9.78	165	42459	8.354	ng		95
52) Acenaphthene	10.04	154	179147	8.843	ng		97
53) 3-Nitroaniline	9.95	138	42112	6.968	ng		94
54) 2,4-Dinitrophenol	10.06	184	9908	9.769	ng		92
55) Dibenzofuran	10.21	168	250820	8.843	ng		95
56) 4-Nitrophenol	10.10	139	36900	8.249	ng		89
57) 2,4-Dinitrotoluene	10.19	165	55399	8.582	ng	#	83
58) Fluorene	10.56	166	204313	9.679	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.32	232	45468	8.216	ng		93
60) Diethylphthalate	10.42	149	200043	8.686	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	95123	8.542	ng		95
62) 4-Nitroaniline	10.56	138	47981	7.982	ng		89
63) Azobenzene	10.70	77	201831	8.829	ng		97
65) 4,6-Dinitro-2-methylphenol	10.59	198	16488	5.861	ng		85
66) n-Nitrosodiphenylamine	10.66	169	174032	8.617	ng		99
67) 4-Bromophenyl-phenylether	11.04	248	55763	8.349	ng		96
68) Hexachlorobenzene	11.10	284	59889	8.451	ng		97
69) Atrazine	11.18	200	54737	8.576	ng		97
70) Pentachlorophenol	11.29	266	23103	5.591	ng		97
71) Phenanthrene	11.52	178	305143	9.471	ng		99
72) Anthracene	11.57	178	314882	9.750	ng		98
73) Carbazole	11.73	167	267040	8.469	ng		98
74) Di-n-butylphthalate	12.04	149	317781	8.923	ng		98
75) Fluoranthene	12.71	202	311335	9.521	ng		99
77) Benzidine	12.83	184	95017	4.497	ng		95
78) Pyrene	12.94	202	311580	8.399	ng		98
80) Butylbenzylphthalate	13.55	149	125587	7.800	ng		95
81) Benzo(a)anthracene	14.13	228	271805	8.858	ng		98
82) 3,3'-Dichlorobenzidine	14.09	252	66539	6.227	ng		99
83) Chrysene	14.17	228	261034	8.956	ng		98
84) Bis(2-ethylhexyl)phthalate	14.10	149	180024	8.271	ng		98
85) Di-n-octyl phthalate	14.72	149	283700	8.383	ng		99
86) Indeno(1,2,3-cd)pyrene	17.21	276	200031	8.273	ng	#	94
88) Benzo(b)fluoranthene	15.21	252	231045	9.024	ng		99
89) Benzo(k)fluoranthene	15.24	252	229306m	9.110	ng		
90) Benzo(a)pyrene	15.59	252	208601	8.855	ng		96
91) Dibenzo(a,h)anthracene	17.23	278	168214	8.275	ng		98
92) Benzo(g,h,i)perylene	17.68	276	161088	8.042	ng		96

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

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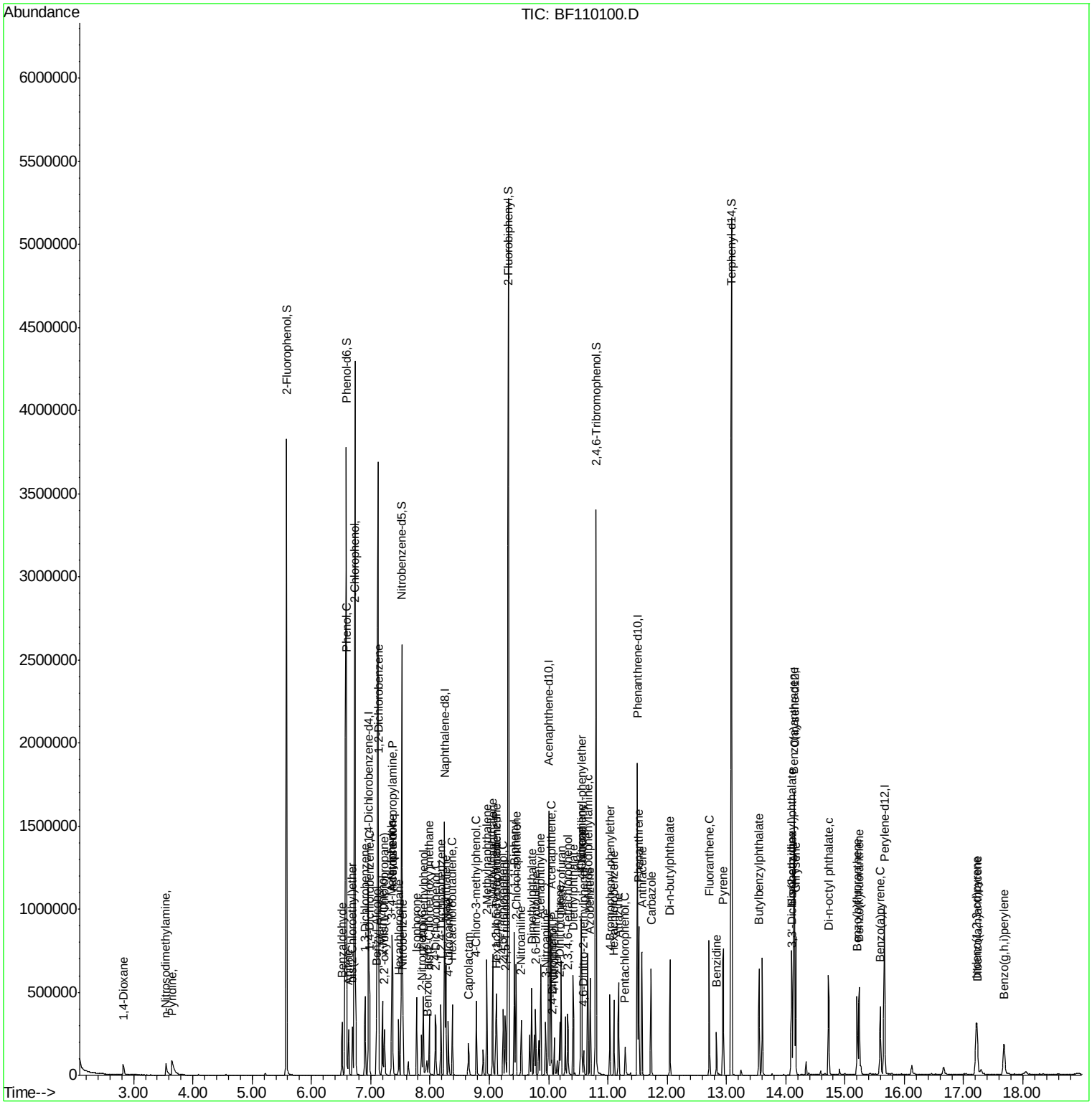
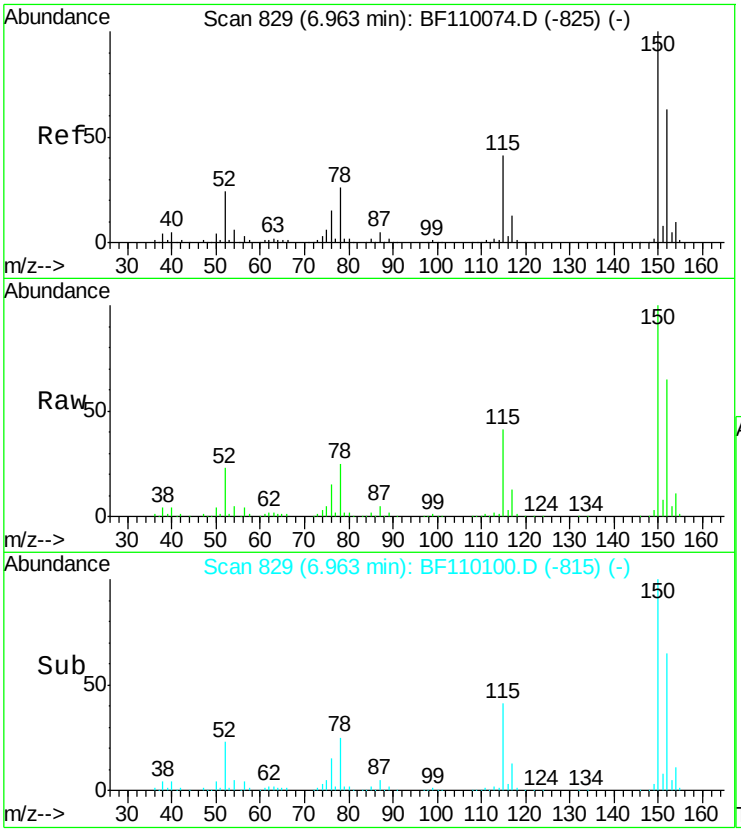
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:20 PM

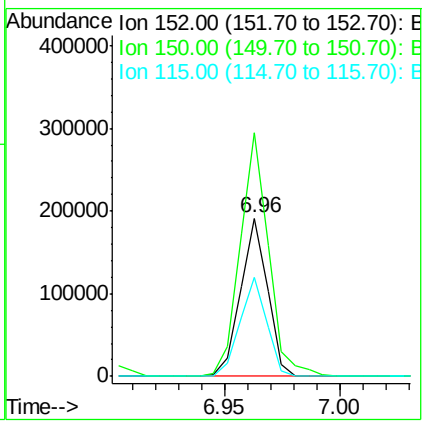




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:152 Resp: 155590

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.7	184.1
115	62.5	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
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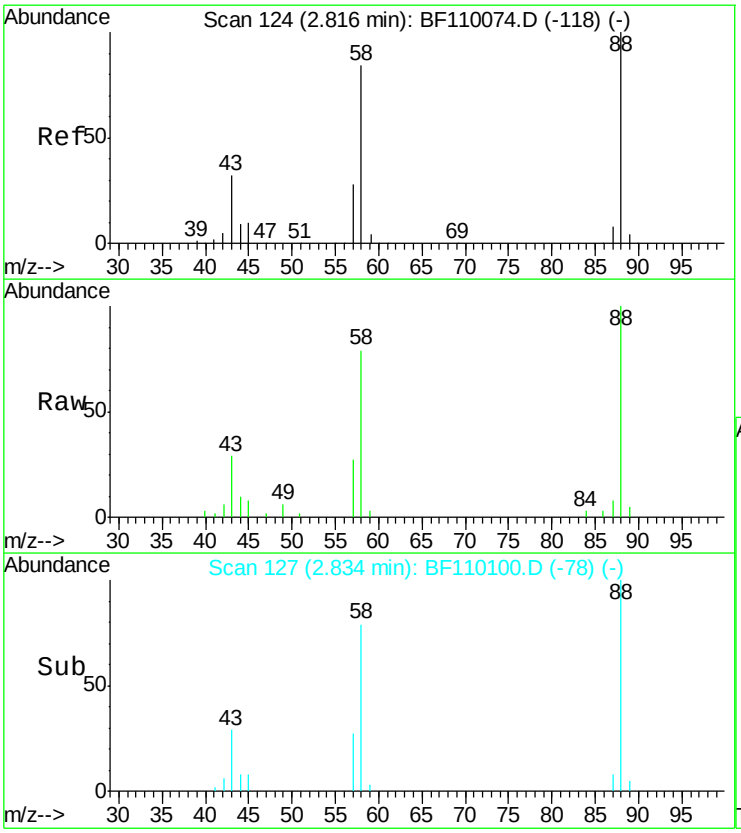
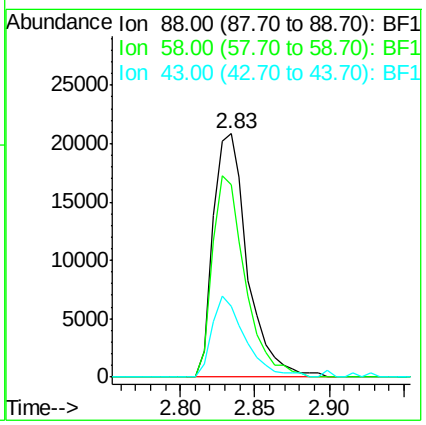
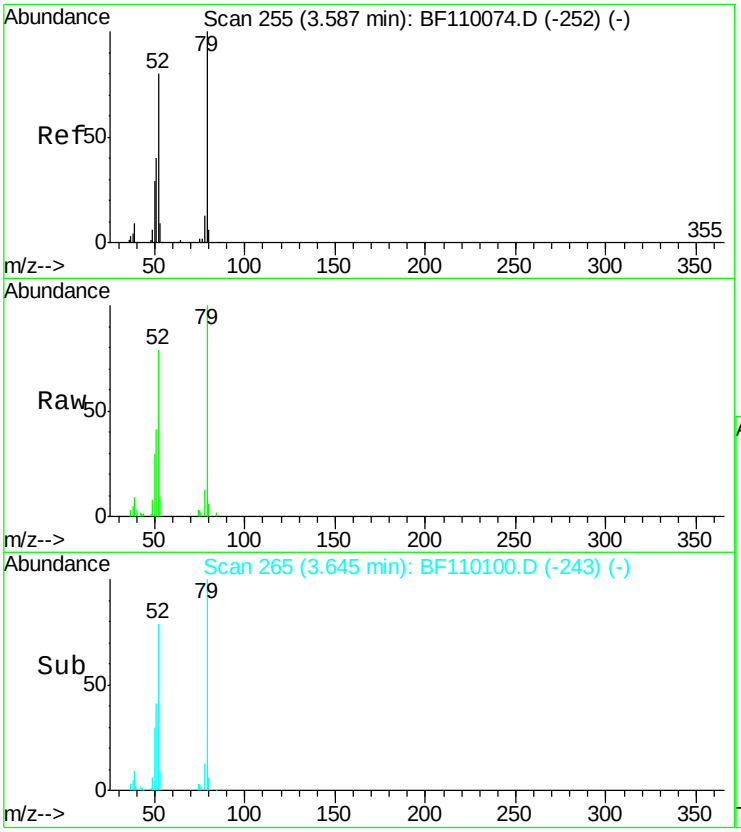


#2
1,4-Dioxane
Concen: 6.706 ng
RT: 2.83 min Scan# 127
Delta R.T. -0.01 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 88 Resp: 33567

Ion	Ratio	Lower	Upper
88	100		
58	78.7	57.1	85.7
43	32.0	24.1	36.1

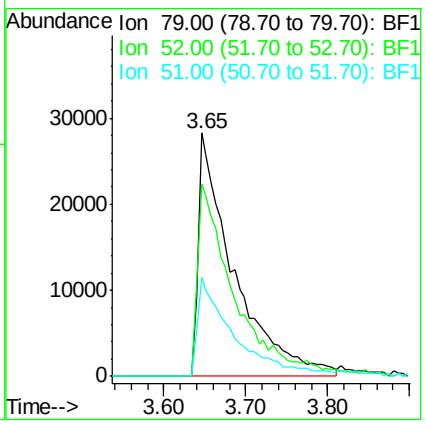




#3
Pyridine
Concen: 7.636 ng
RT: 3.65 min Scan# 265
Delta R.T. 0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 79 Resp: 85142

Ion	Ratio	Lower	Upper
79	100		
52	78.9	53.1	79.7
51	40.6	27.4	41.2



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
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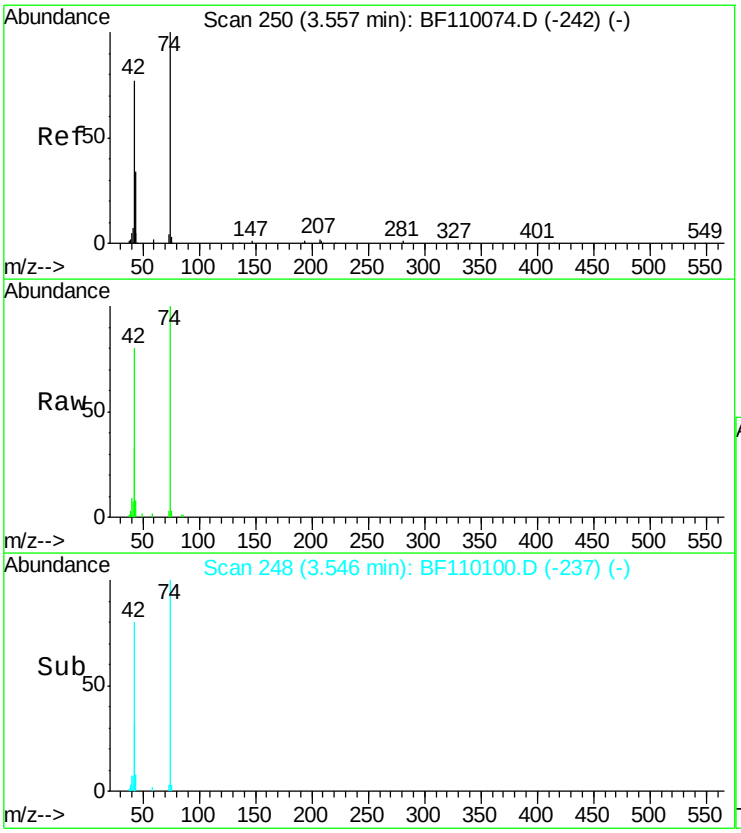
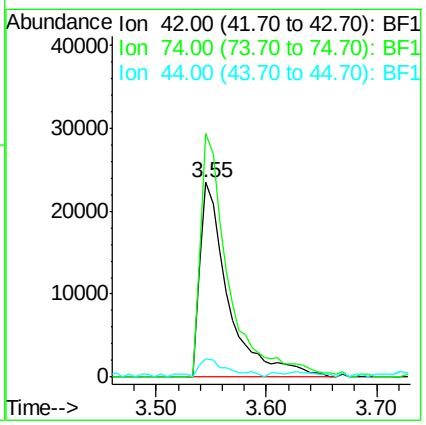
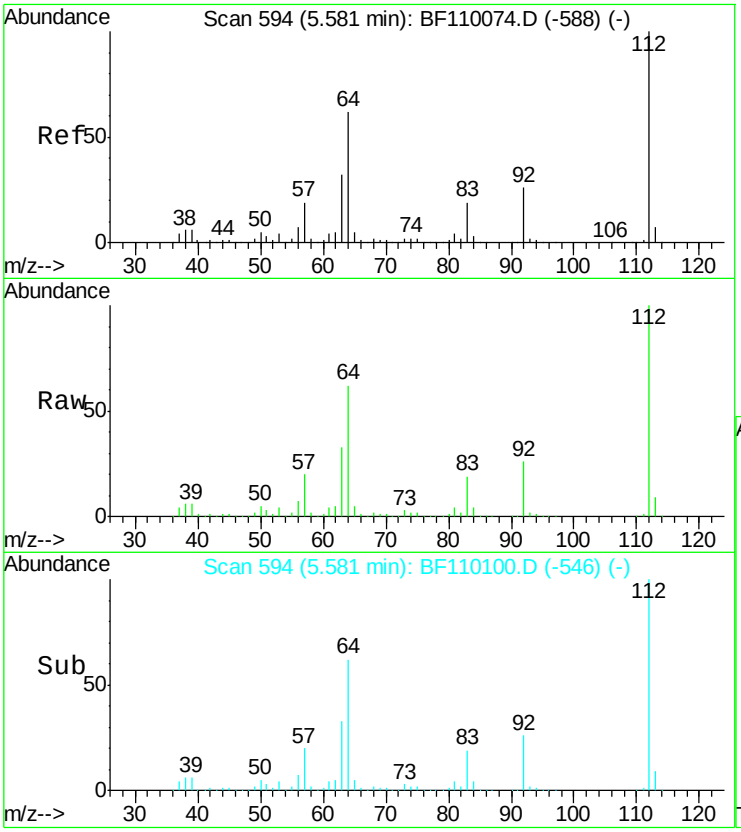


#4
n-Nitrosodimethylamine
Concen: 8.722 ng
RT: 3.55 min Scan# 248
Delta R.T. -0.04 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 42 Resp: 40740

Ion	Ratio	Lower	Upper
42	100		
74	125.0	105.5	158.3
44	9.5	4.9	7.3#

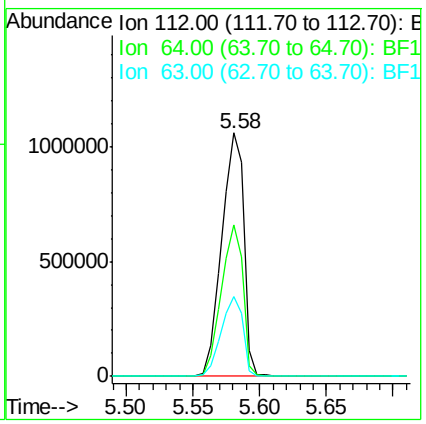




#5
2-Fluorophenol
Concen: 130.619 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:112 Resp: 1247996

Ion	Ratio	Lower	Upper
112	100		
64	62.2	44.1	66.1
63	32.8	23.7	35.5



Instrument :
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ClientSampleId :
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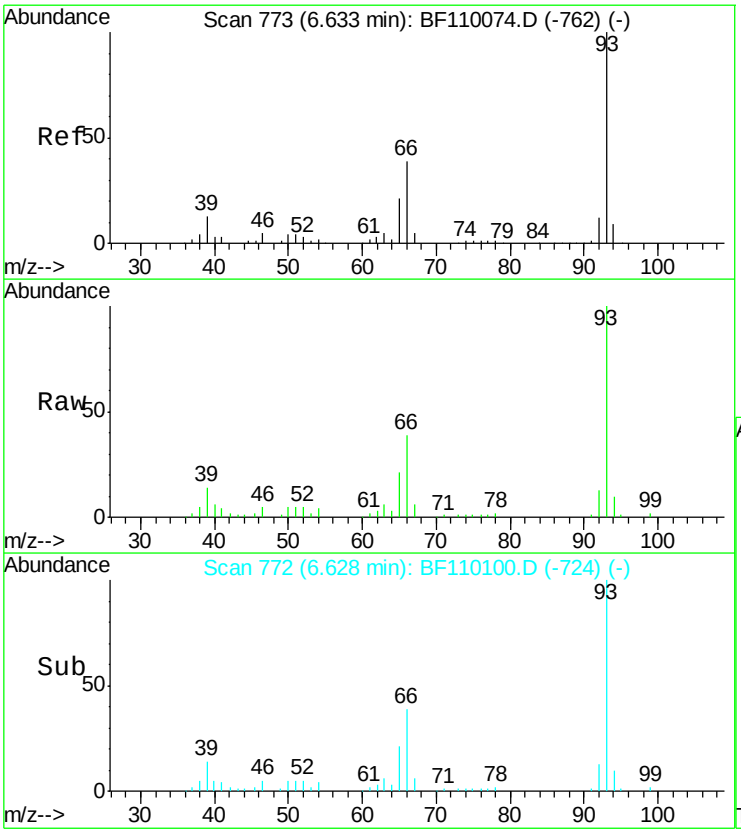
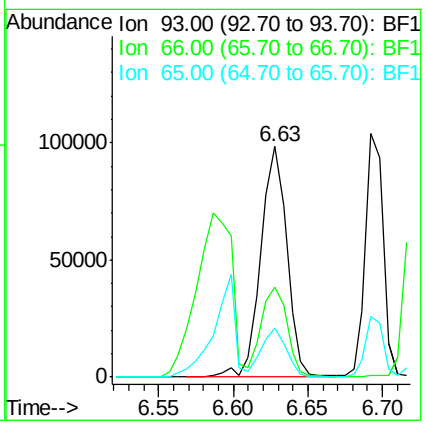
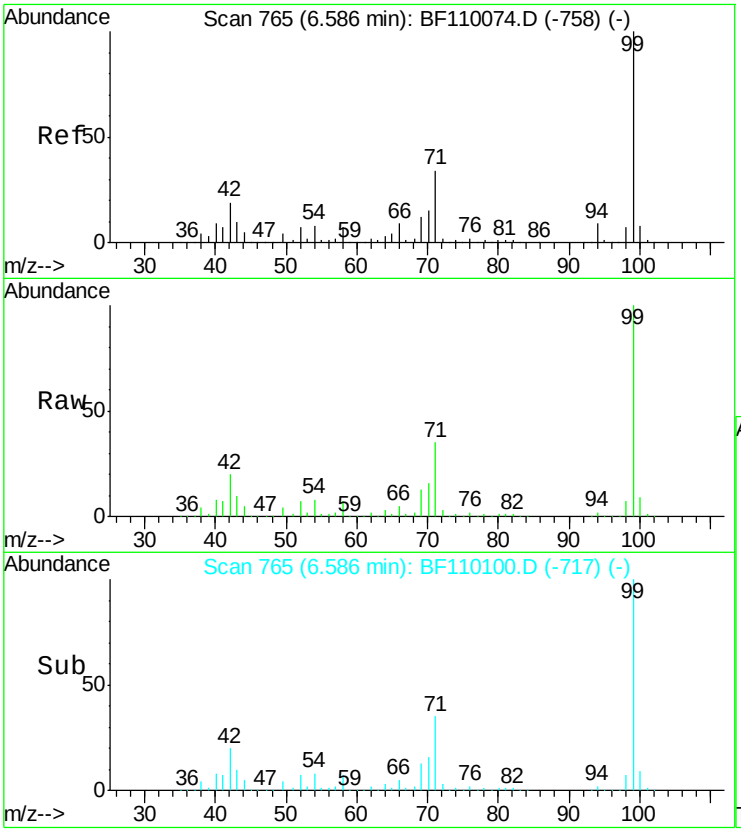


#6
Aniline
Concen: 7.492 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 93 Resp: 119277

Ion	Ratio	Lower	Upper
93	100		
66	39.1	67.4	101.0#
65	21.0	41.0	61.4#

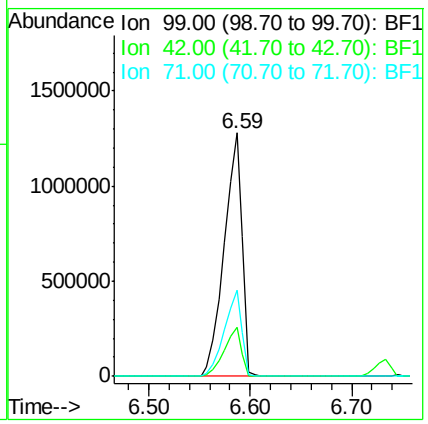




#7
Phenol-d6
Concen: 128.404 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 99 Resp: 1569211

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	35.3	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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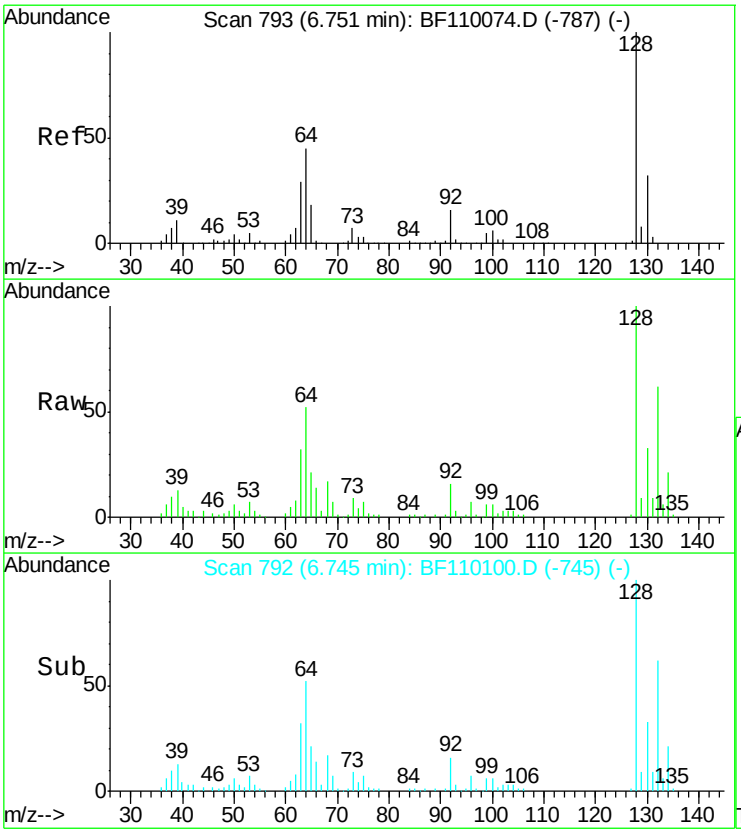
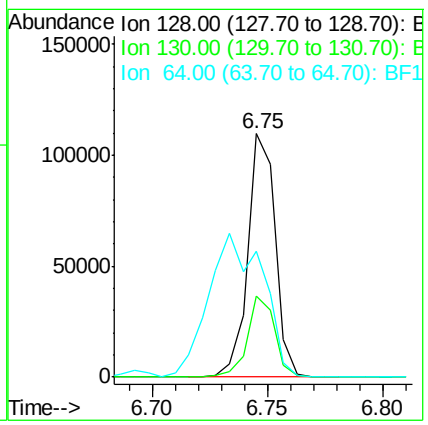
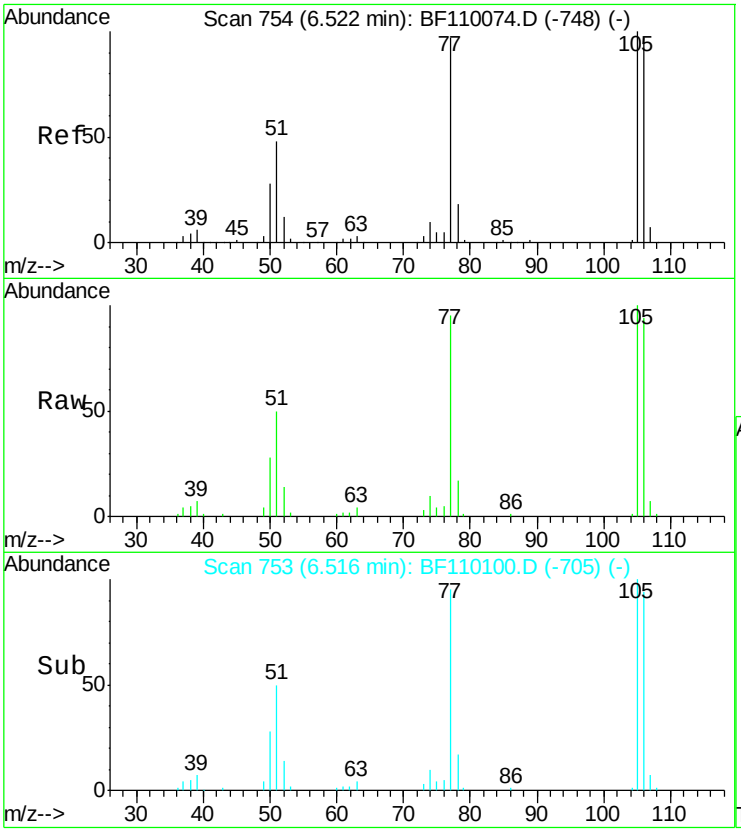


#8
2-Chlorophenol
Concen: 8.331 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:128 Resp: 91772

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.1	53.1
64	51.9	26.0	66.0

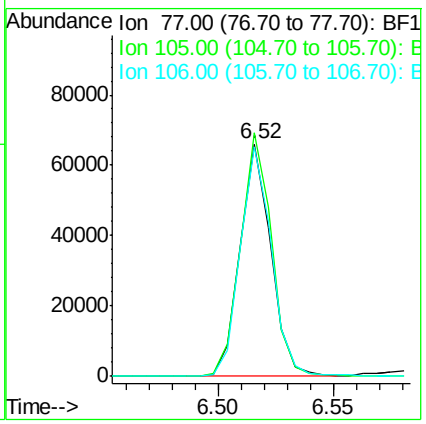




#9
Benzaldehyde
Concen: 6.473 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 77 Resp: 61792

Ion	Ratio	Lower	Upper
77	100		
105	104.8	78.6	118.6
106	99.0	74.8	114.8



Instrument :
BNA_F
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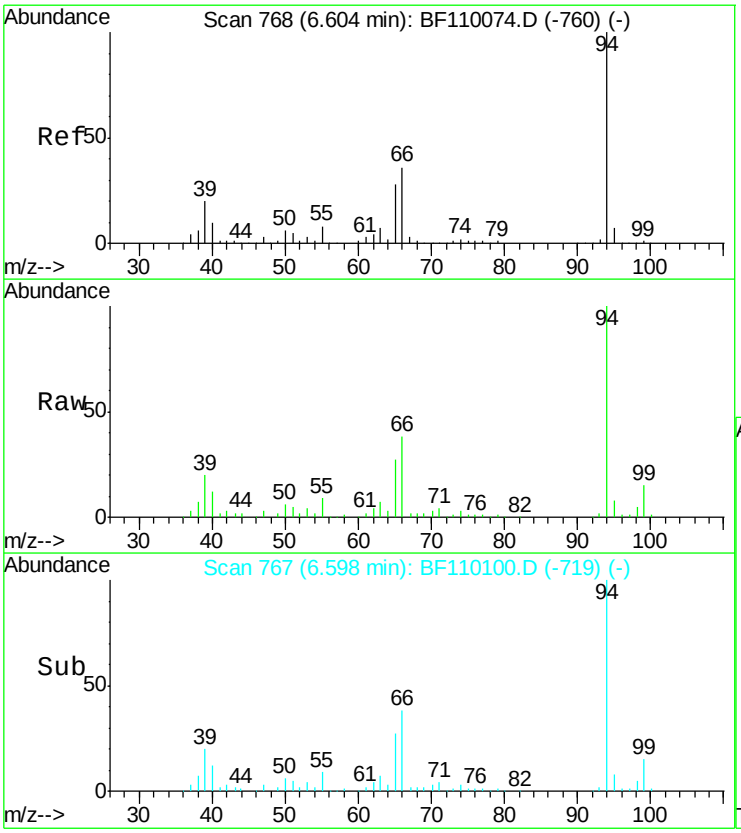
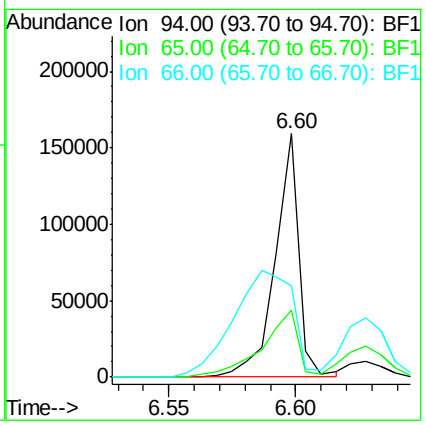
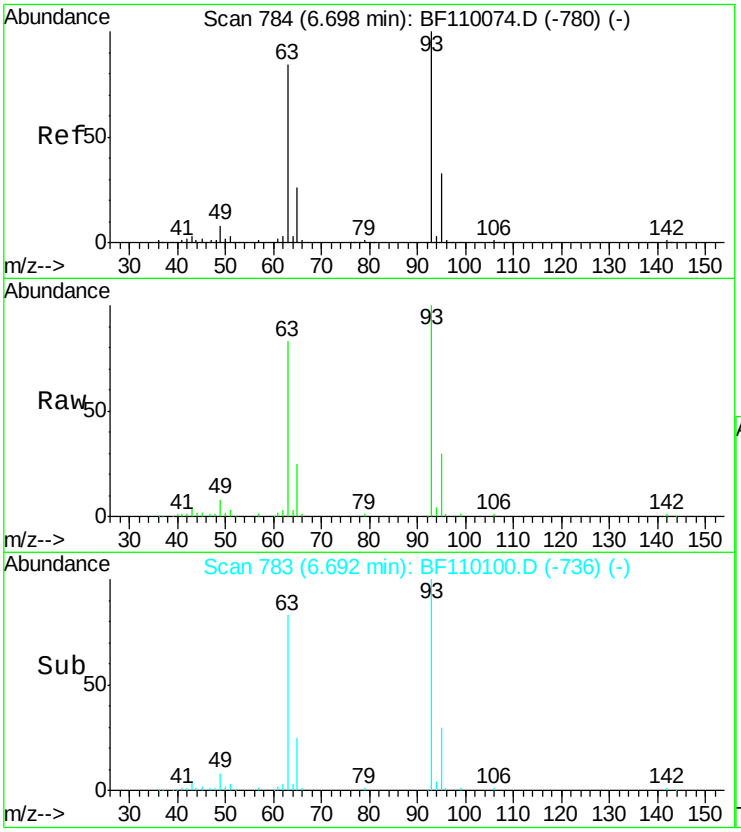


#10
Phenol
Concen: 8.060 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 94 Resp: 105286

Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.3	65.3
66	37.7	54.5	94.5#

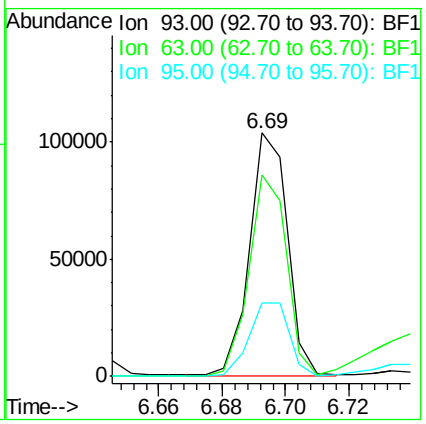




#11
bis(2-Chloroethyl)ether
Concen: 8.085 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 93 Resp: 86893

Ion	Ratio	Lower	Upper
93	100		
63	82.6	53.4	93.4
95	30.3	12.1	52.1



Instrument :
BNA_F
ClientSampleId :
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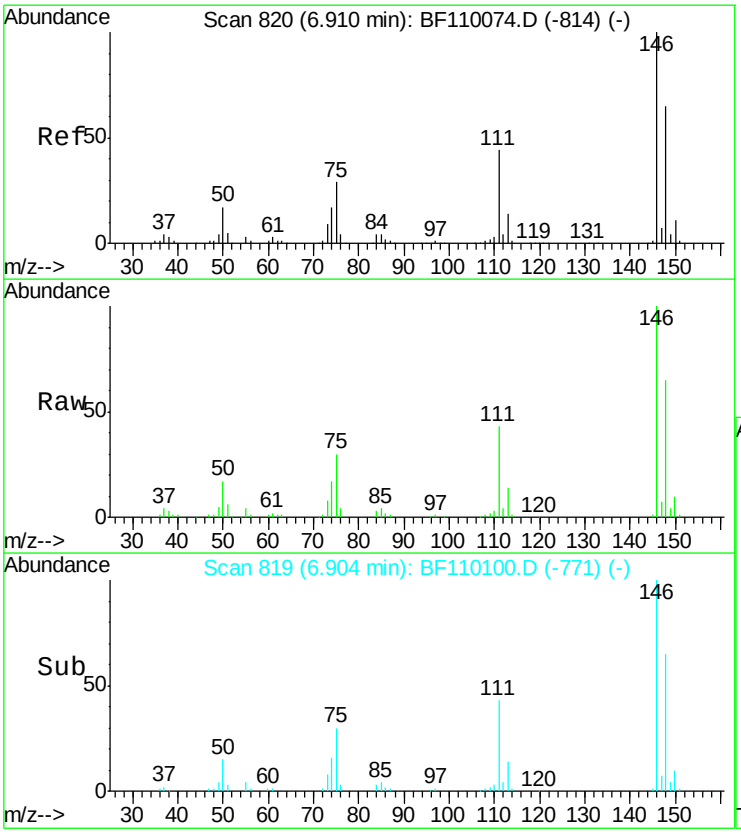
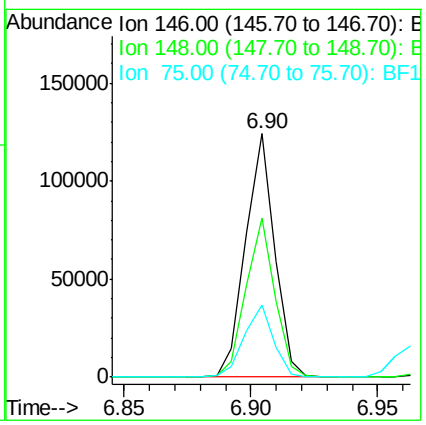
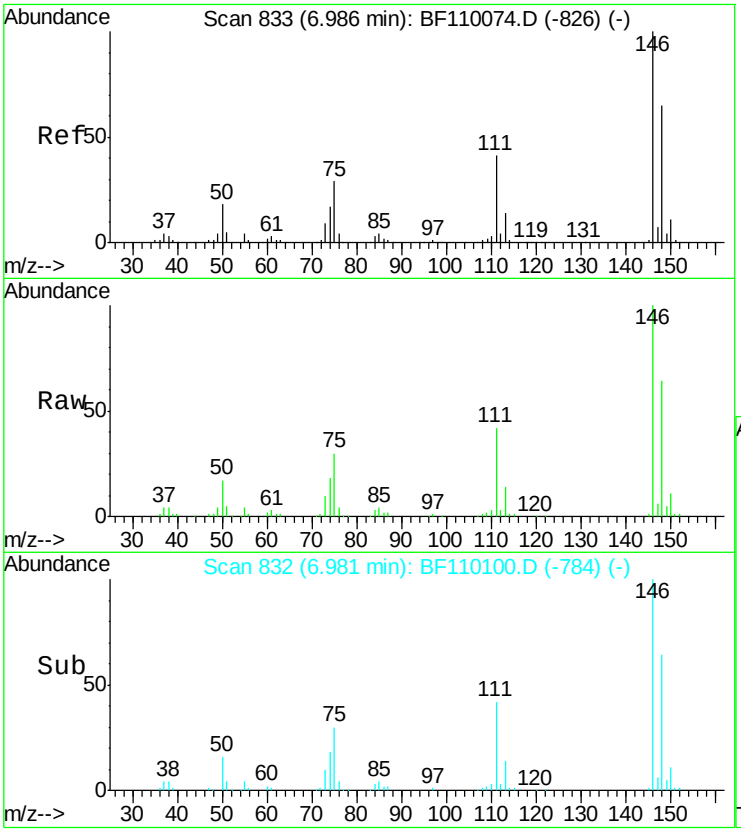


#12
1,3-Dichlorobenzene
Concen: 8.211 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:146 Resp: 99542

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.4	75.6
75	29.9	25.8	38.6

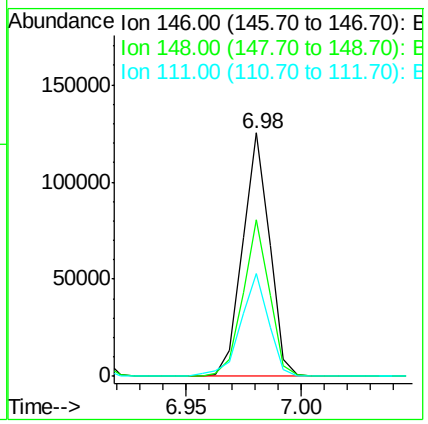




#13
1,4-Dichlorobenzene
Concen: 8.315 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:146 Resp: 101939

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.3	75.5
111	42.2	32.7	49.1



Instrument :
BNA_F
ClientSampleId :
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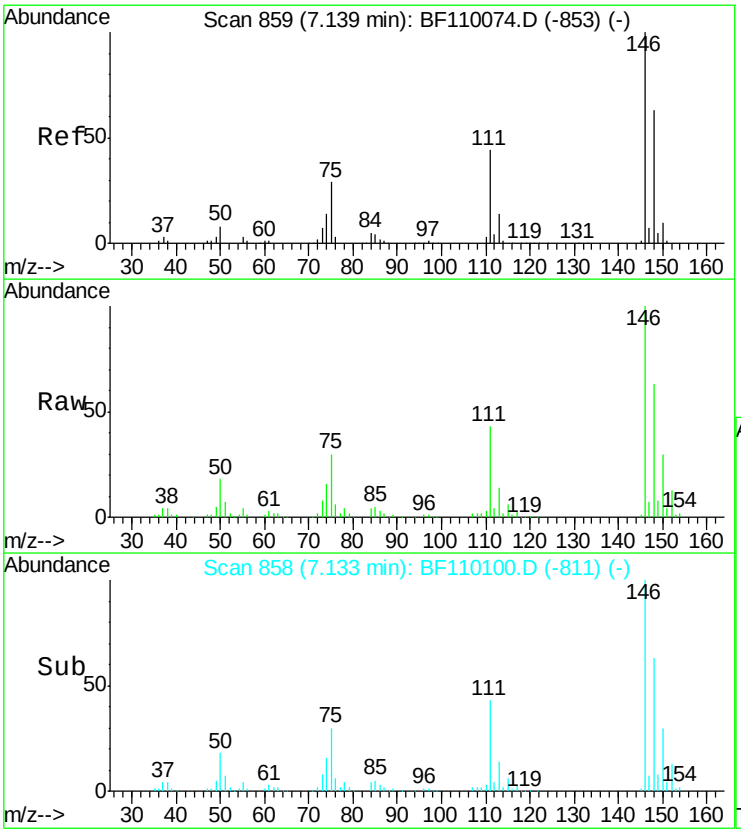
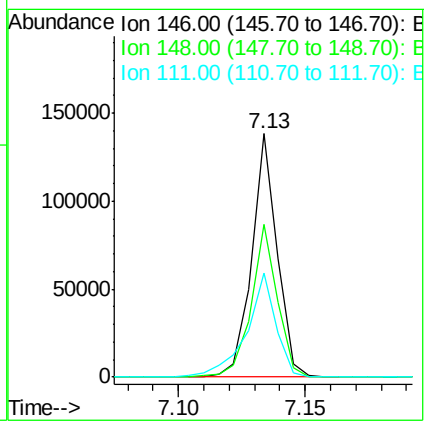
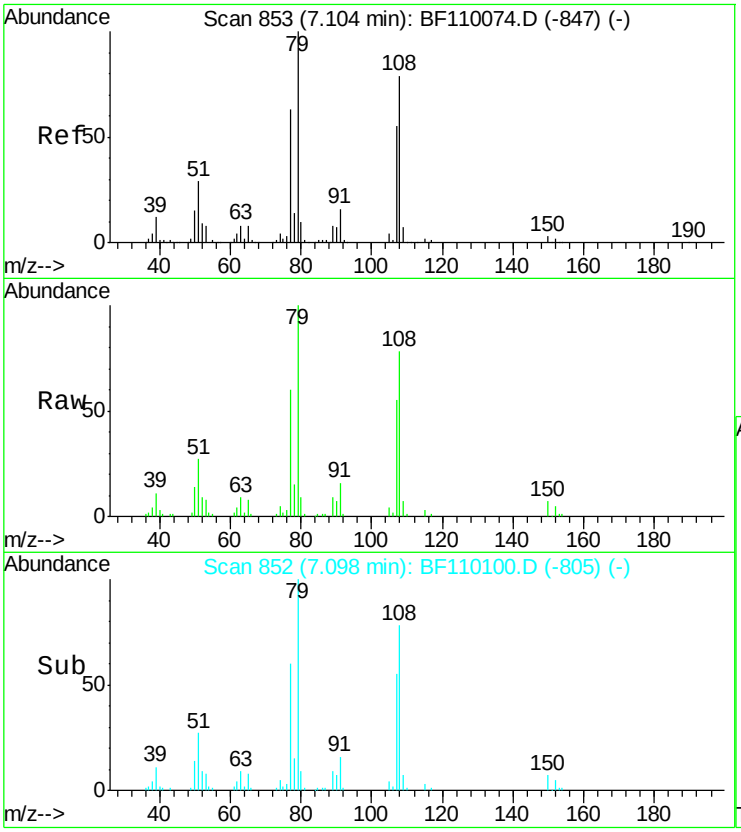


#14
1,2-Dichlorobenzene
Concen: 8.451 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:146 Resp: 96187

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	42.5	35.8	53.6





#15
Benzyl Alcohol
Concen: 9.098 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 79 Resp: 85513

Ion	Ratio	Lower	Upper
79	100		
108	78.1	56.3	84.5
77	60.5	52.9	79.3

Instrument :
BNA_F
ClientSampleId :
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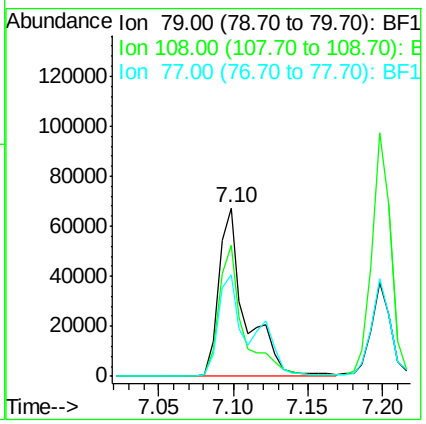
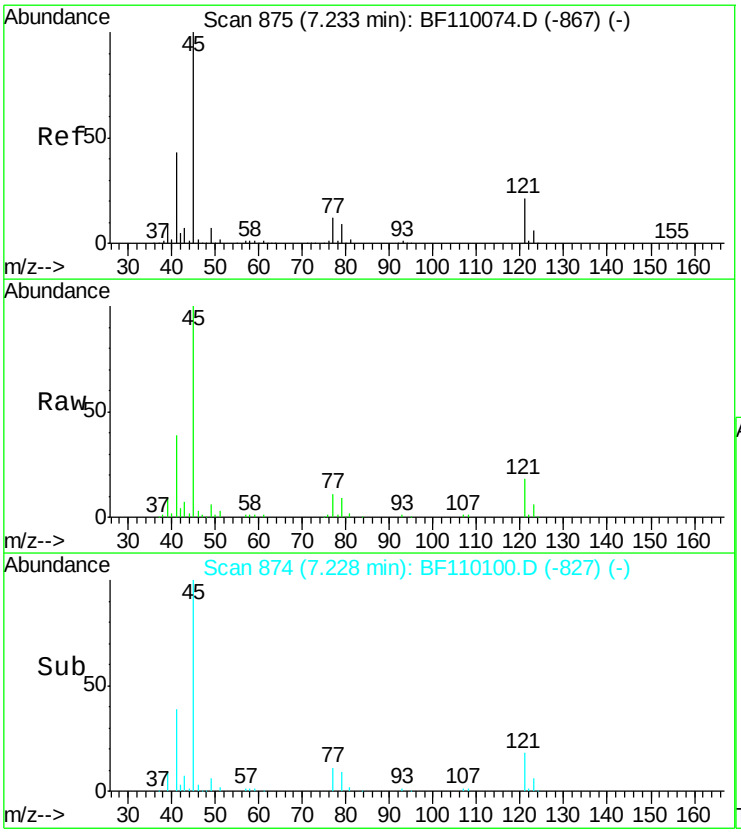
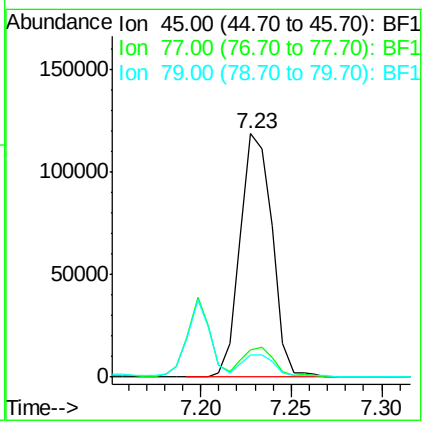


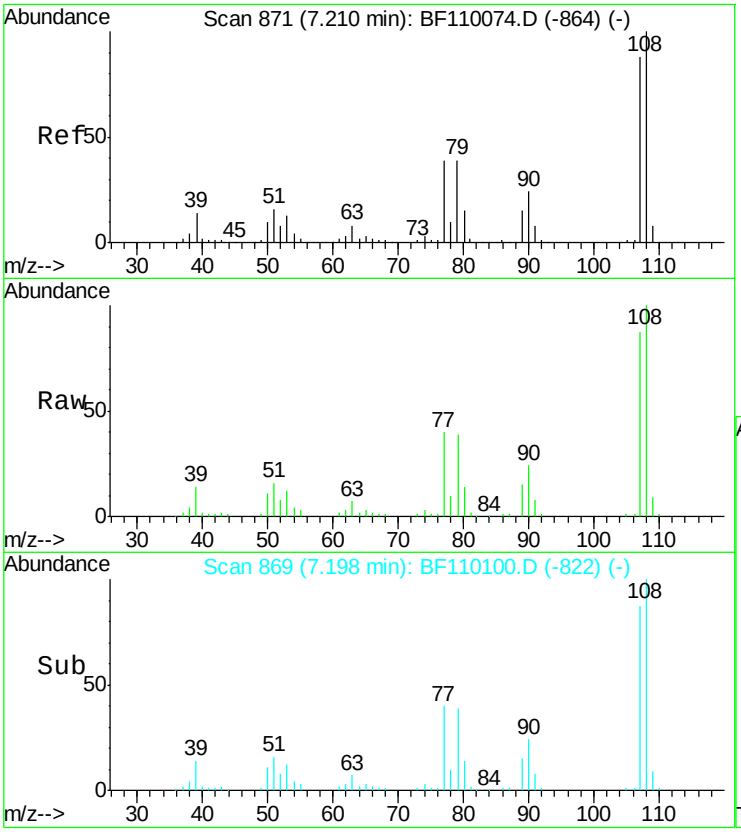


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.496 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 45 Resp: 145996

Ion	Ratio	Lower	Upper
45	100		
77	11.4	10.0	50.0
79	9.4	6.1	46.1

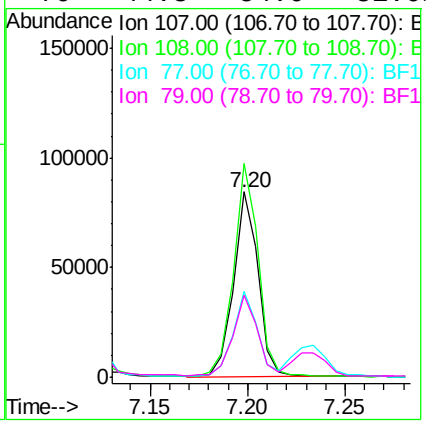




#17
2-Methylphenol
Concen: 8.315 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:107 Resp: 72999

Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.6	138.8
77	45.9	59.4	89.2#
79	44.3	54.0	81.0#



Instrument :
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ClientSampleId :
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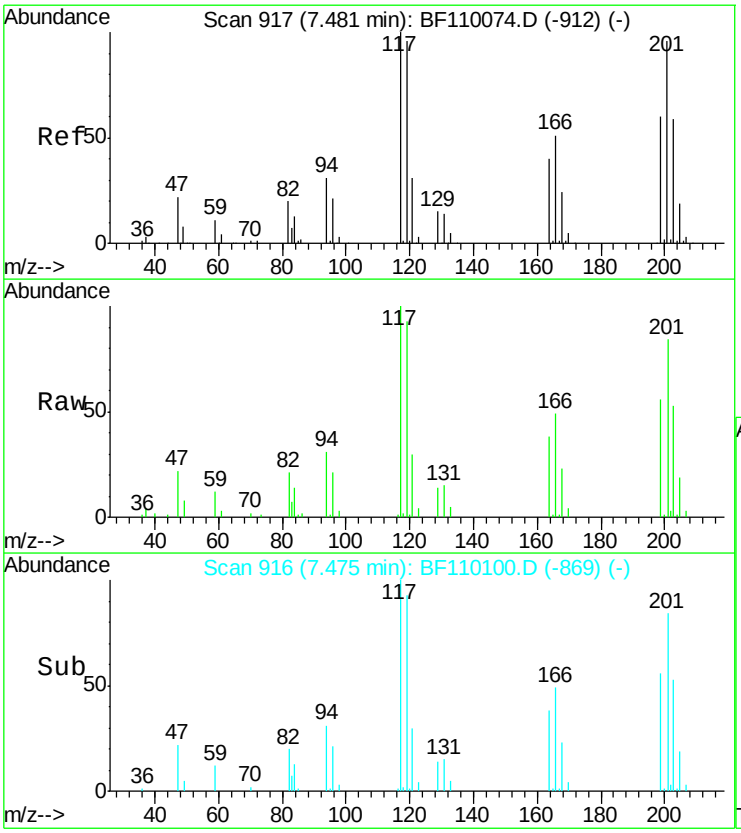
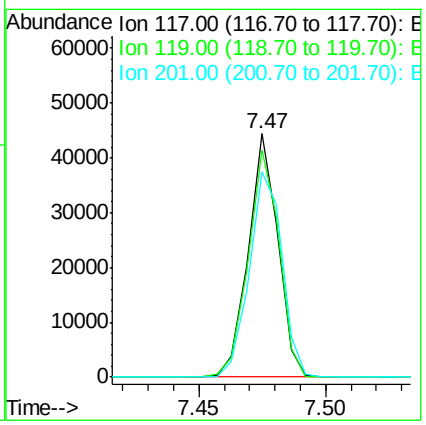
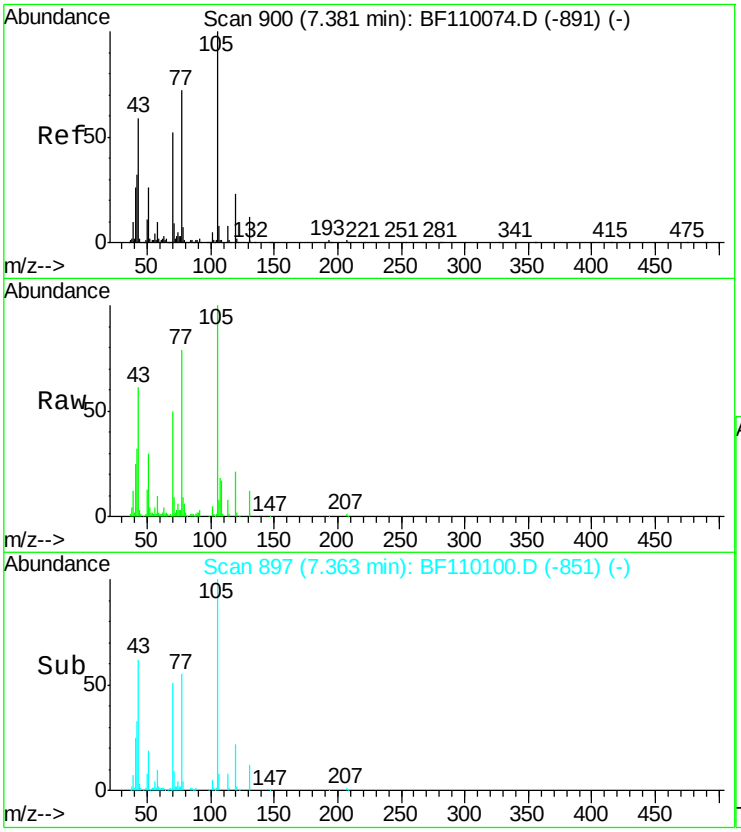


#18
Hexachloroethane
Concen: 8.074 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:117 Resp: 36242

Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.0	112.6
201	84.1	79.2	118.8

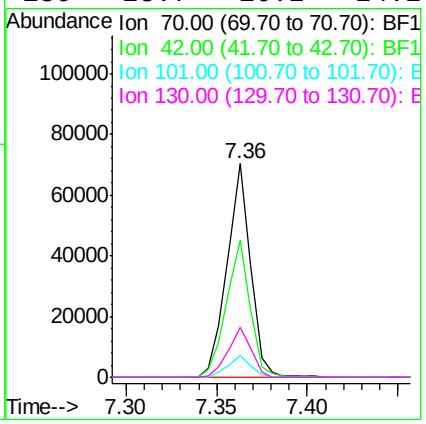




#19
n-Nitroso-di-n-propylamine
Concen: 8.149 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 70 Resp: 63888

Ion	Ratio	Lower	Upper
70	100		
42	64.4	47.4	71.2
101	10.2	7.3	10.9
130	23.7	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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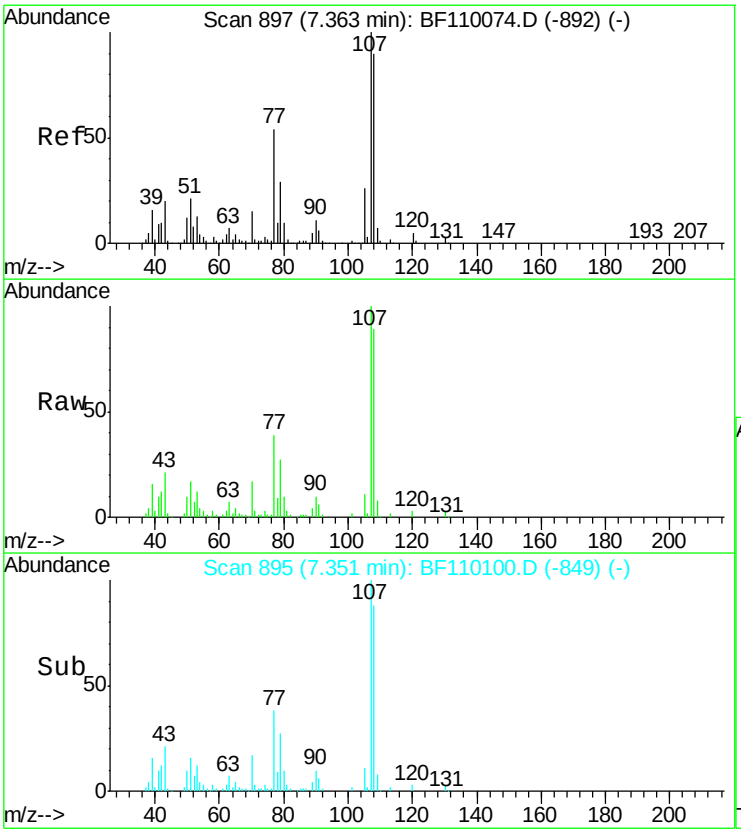
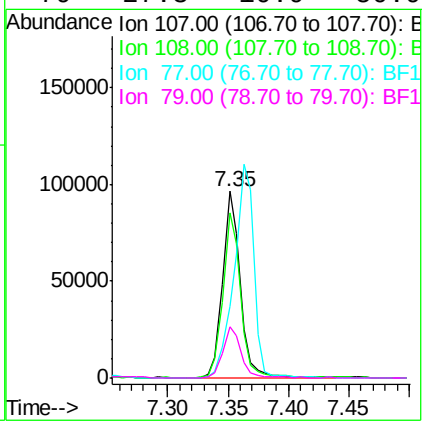
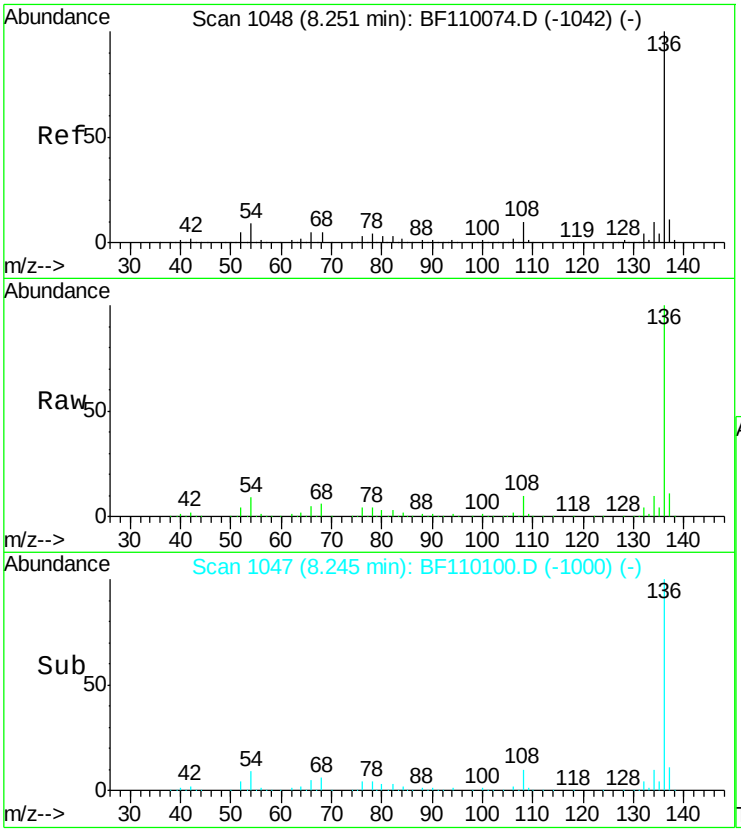


#20
3+4-Methylphenols
Concen: 8.731 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:107 Resp: 99080

Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.4	111.4
77	38.5	47.3	87.3#
79	27.3	10.9	50.9

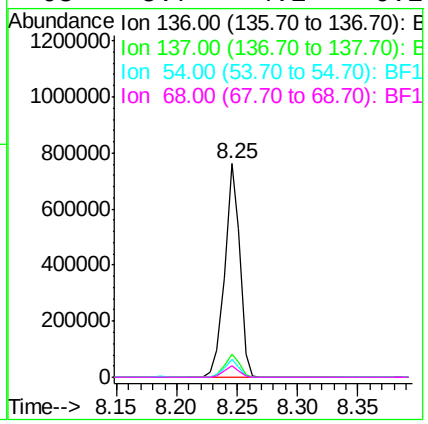




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:136 Resp: 656643

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	5.4	8.2#
68	5.7	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
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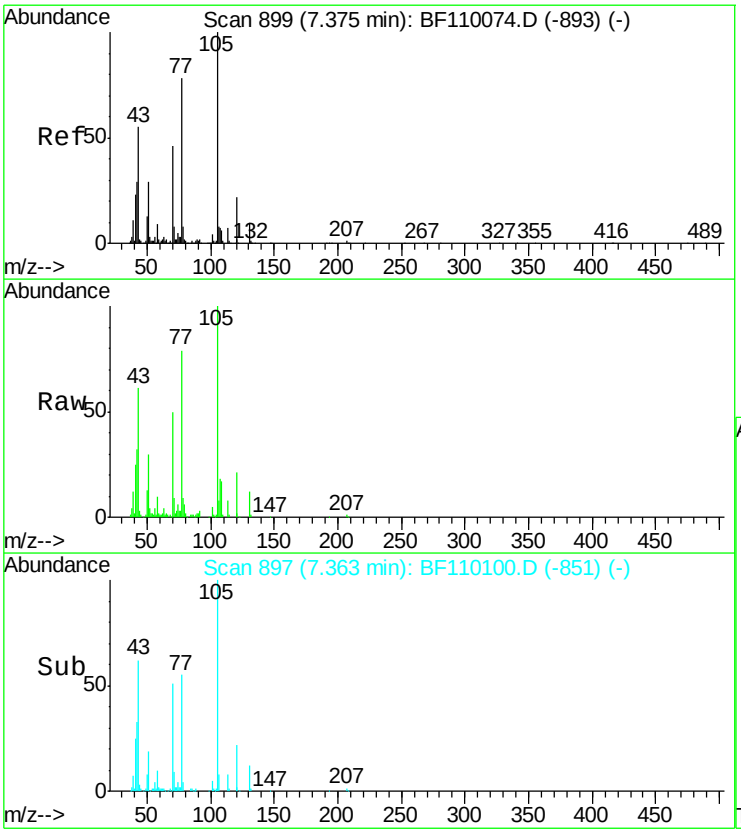
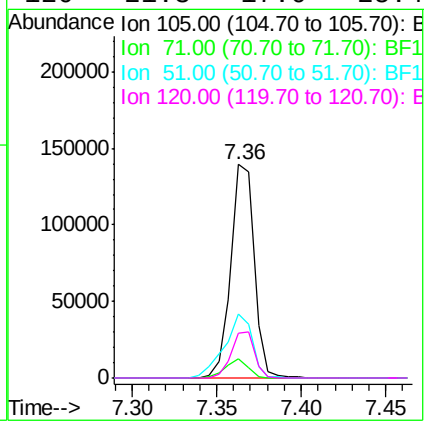
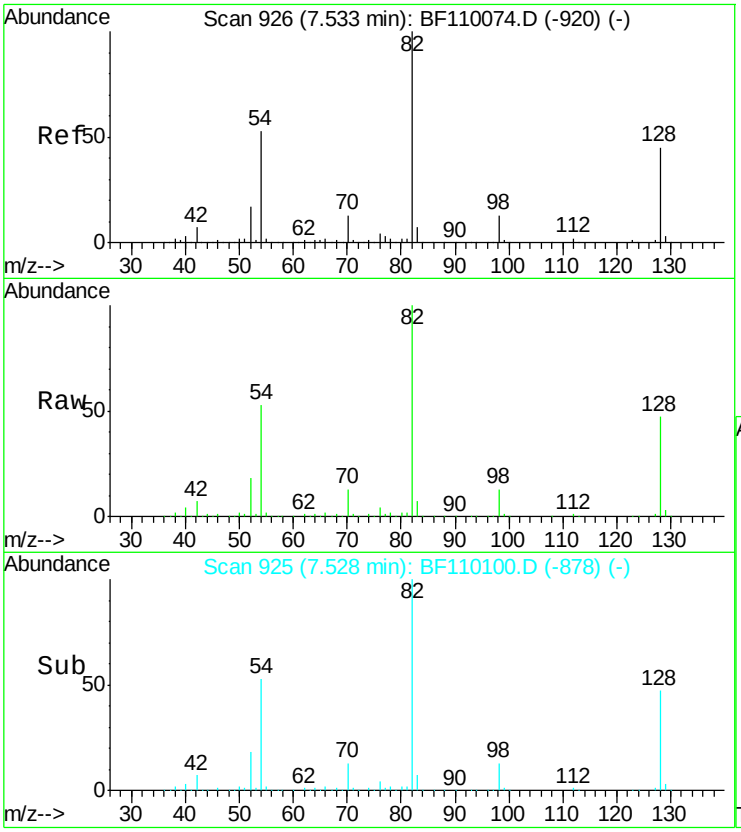


#22
Acetophenone
Concen: 8.838 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:105 Resp: 133725

Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.2	7.8#
51	30.1	21.8	32.8
120	21.3	17.0	25.4

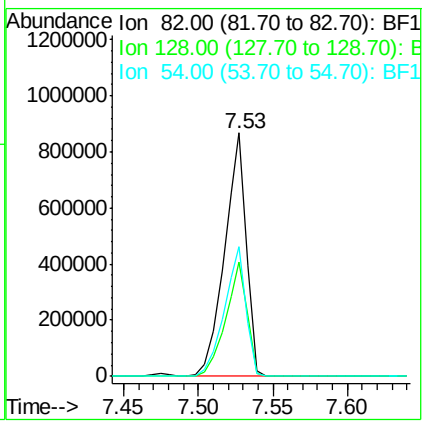




#23
Nitrobenzene-d5
Concen: 80.595 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 82 Resp: 892254

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	53.1	38.6	58.0



Instrument :
BNA_F
ClientSampleId :
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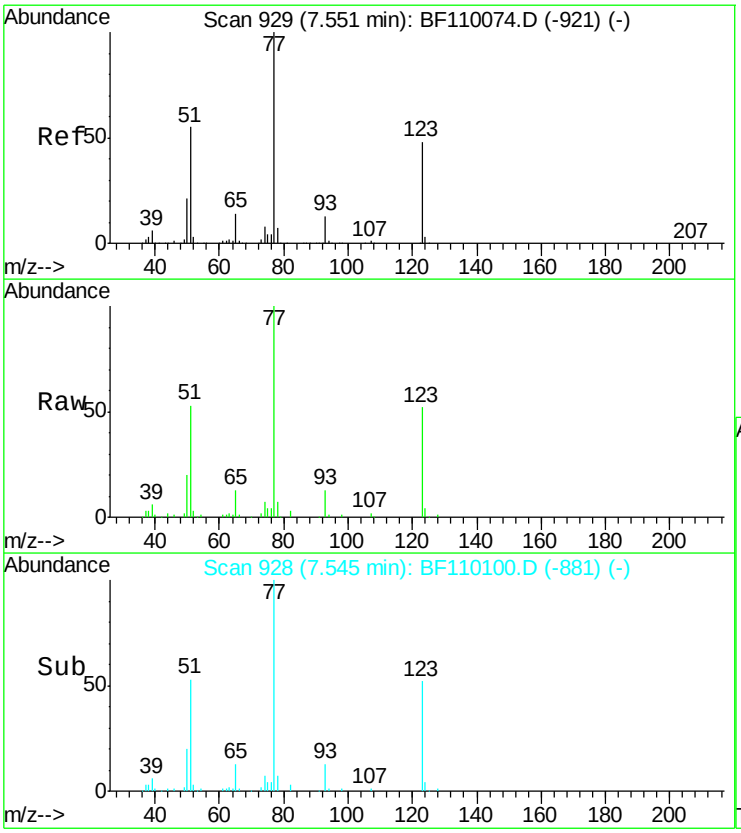
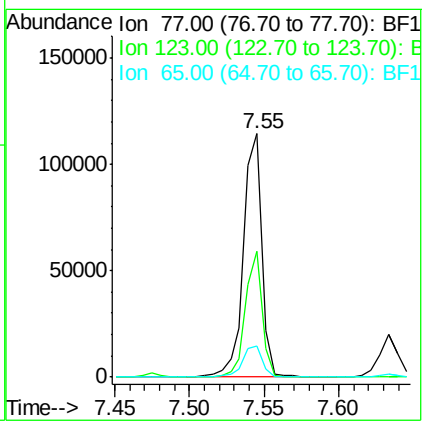
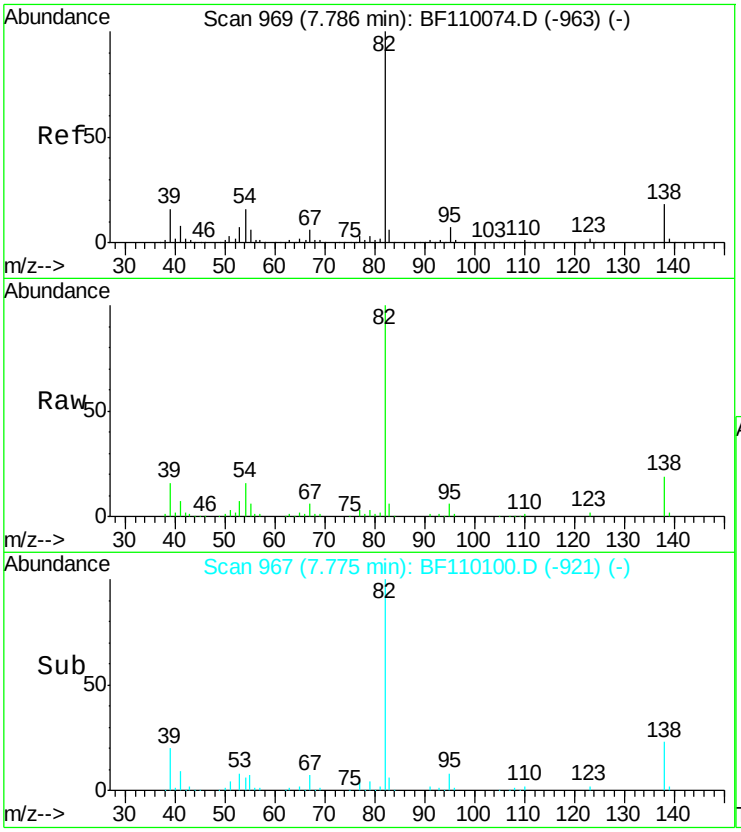


#24
Nitrobenzene
Concen: 8.525 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 77 Resp: 97438

Ion	Ratio	Lower	Upper
77	100		
123	51.7	35.7	53.5
65	13.0	10.7	16.1

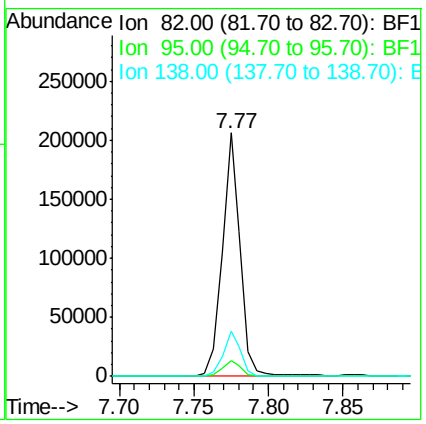




#25
Isophorone
Concen: 9.262 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 82 Resp: 174788

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.7	8.5
138	18.6	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
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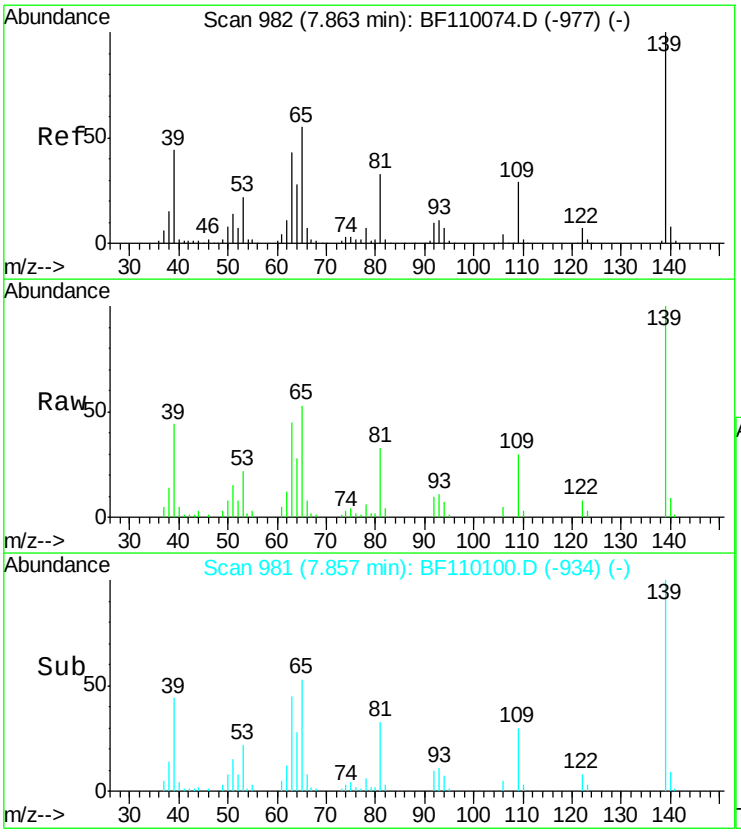
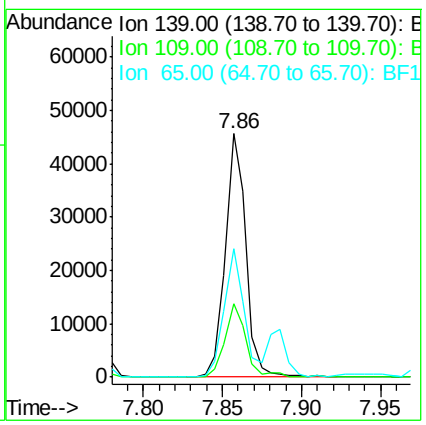
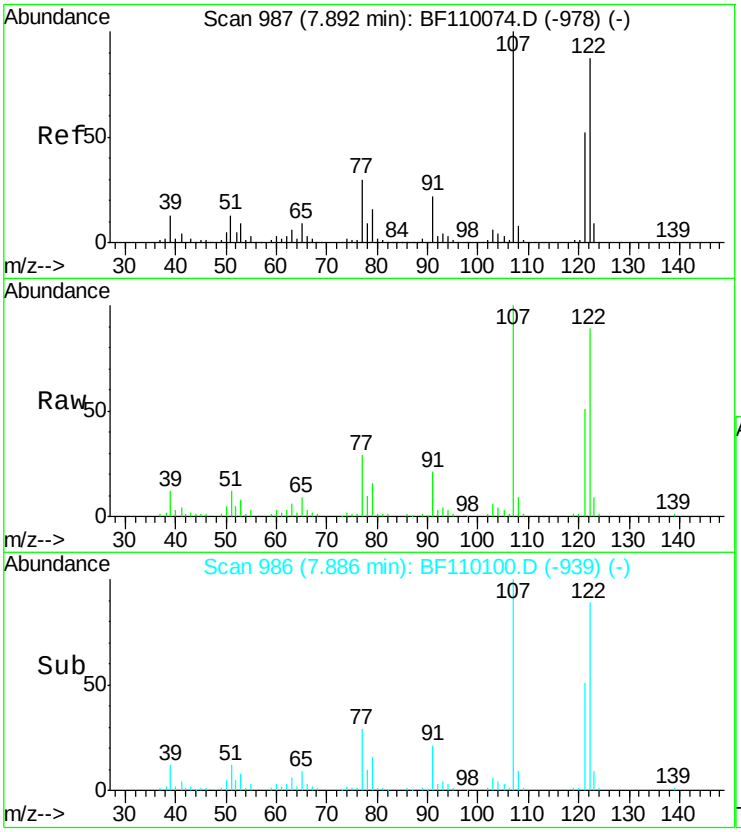


#26
2-Nitrophenol
Concen: 7.502 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:139 Resp: 40801

Ion	Ratio	Lower	Upper
139	100		
109	30.1	25.0	37.6
65	52.7	44.0	66.0

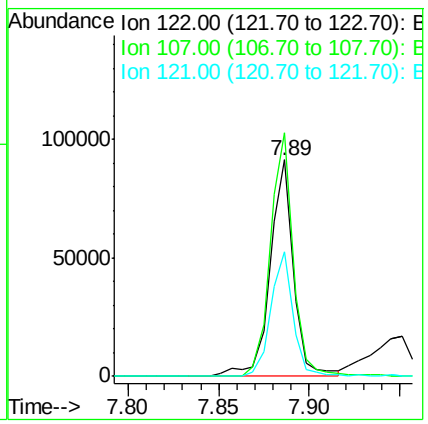




#27
2,4-Dimethylphenol
Concen: 9.114 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:122 Resp: 82185

Ion	Ratio	Lower	Upper
122	100		
107	112.5	92.5	138.7
121	57.4	45.8	68.8



Instrument :
BNA_F
ClientSampleId :
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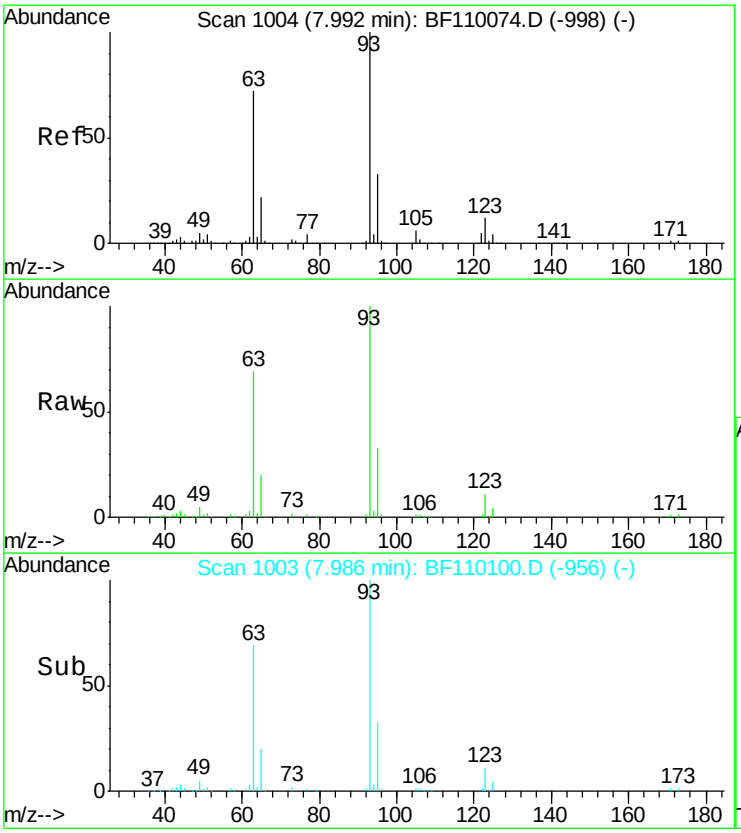
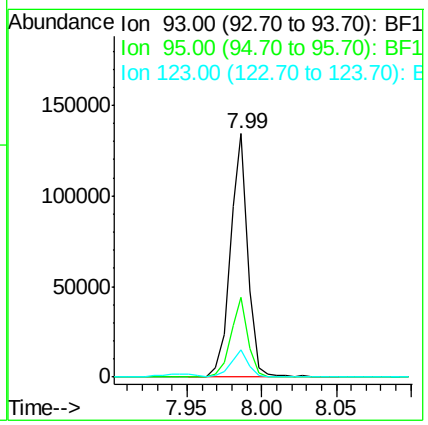
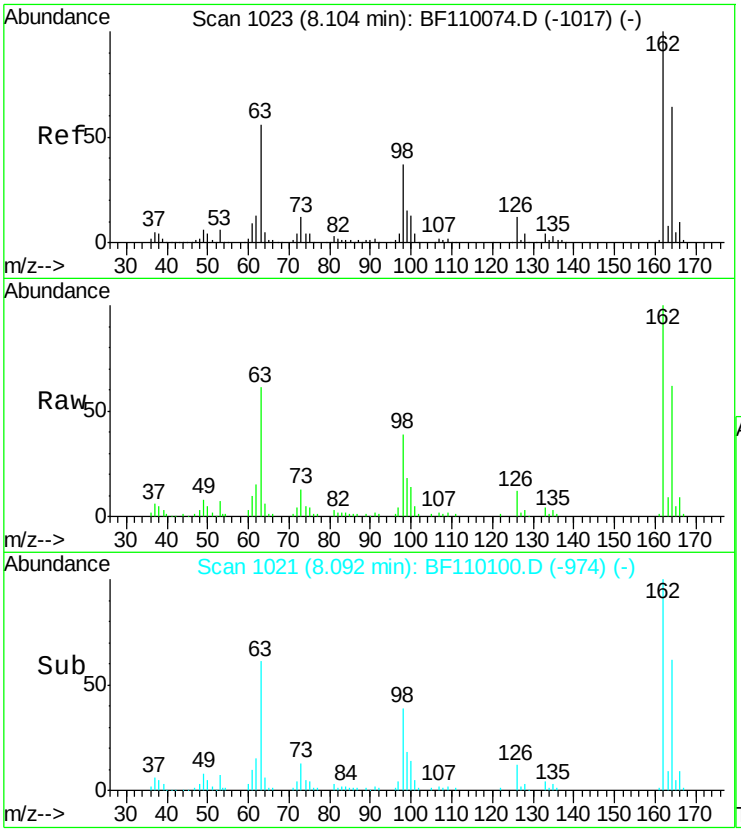


#28
bis(2-Chloroethoxy)methane
Concen: 8.678 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 93 Resp: 111251

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	11.2	9.0	13.6

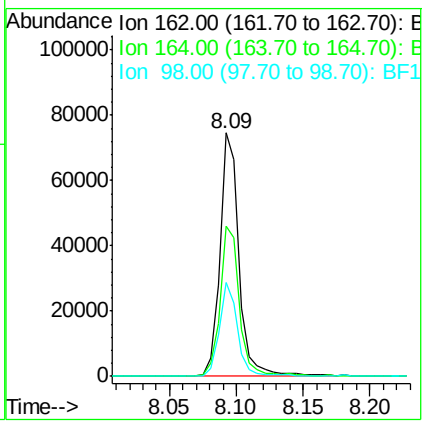




#29
2,4-Dichlorophenol
Concen: 8.272 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:162 Resp: 75357

Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.6	84.6
98	38.6	17.4	57.4



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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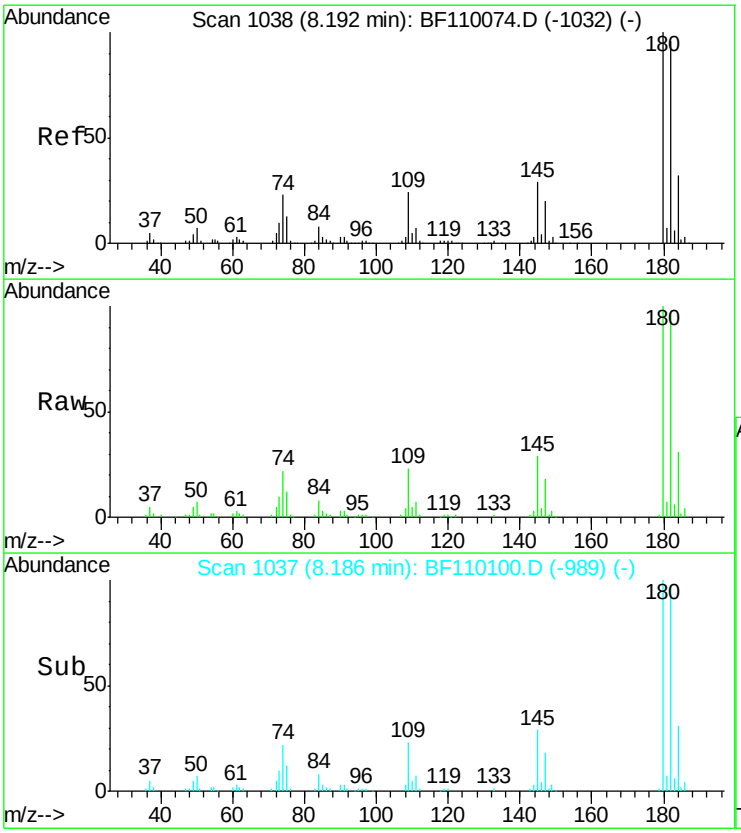
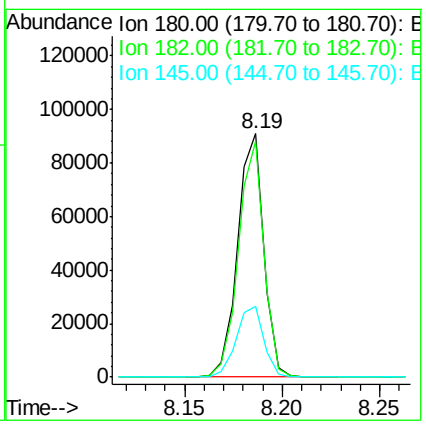
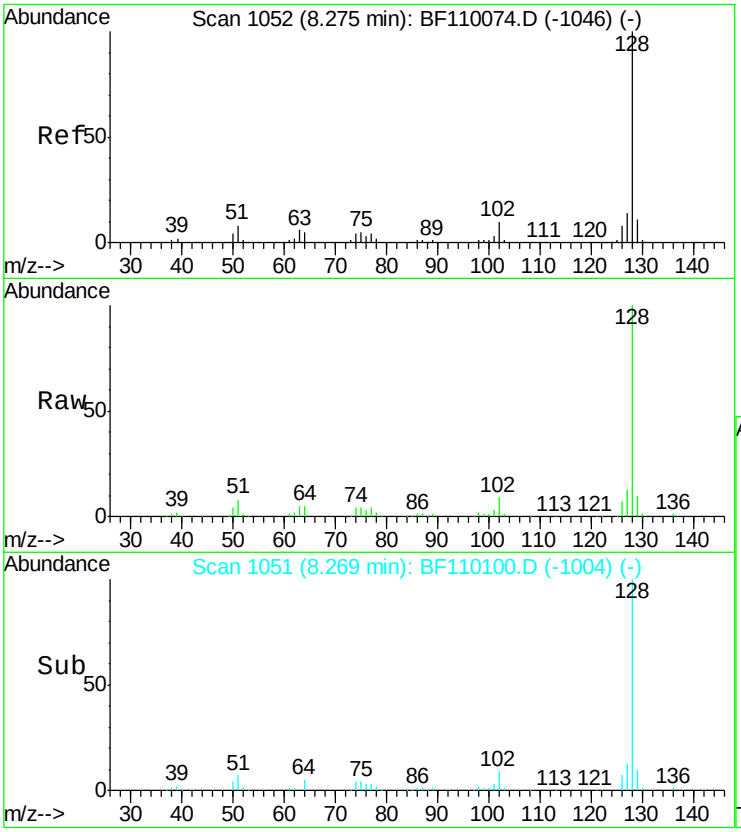


#30
1,2,4-Trichlorobenzene
Concen: 8.241 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:180 Resp: 84095

Ion	Ratio	Lower	Upper
180	100		
182	96.7	80.3	120.5
145	29.3	25.4	38.0

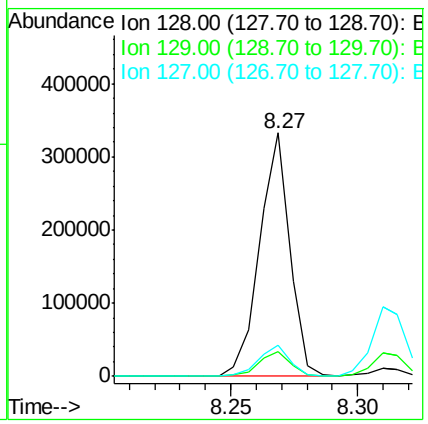




#31
Naphthalene
Concen: 9.162 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:128 Resp: 277267

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.8	10.8	16.2



Instrument :
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ClientSampleId :
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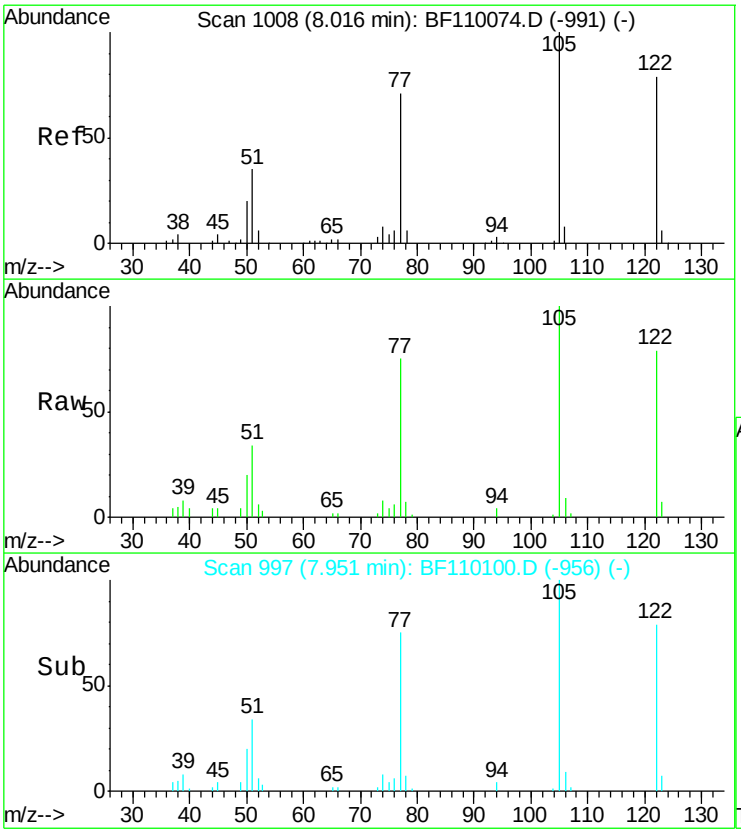
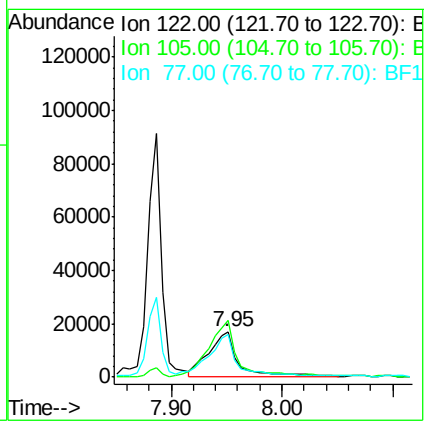
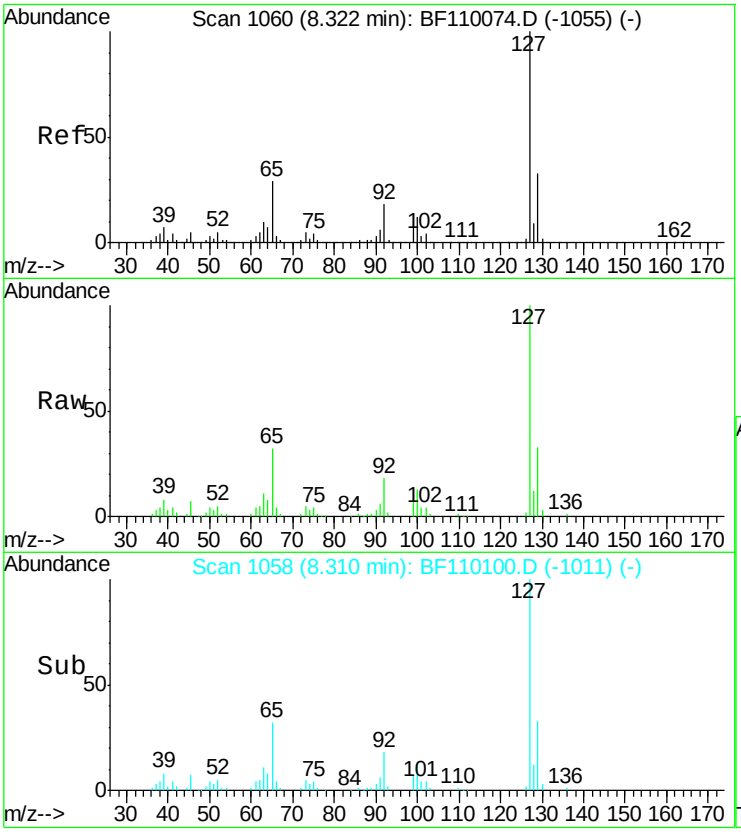


#32
Benzoic acid
Concen: 4.409 ng m
RT: 7.95 min Scan# 997
Delta R.T. -0.06 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:122 Resp: 30728

Ion	Ratio	Lower	Upper
122	100		
105	126.6	109.0	149.0
77	95.3	79.0	119.0

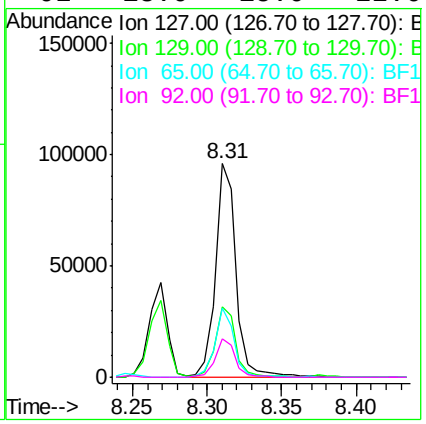




#33
4-Chloroaniline
Concen: 6.774 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:127 Resp: 92263

Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	32.2	25.1	37.7
92	18.0	15.0	22.6



Instrument :
BNA_F
ClientSampleId :
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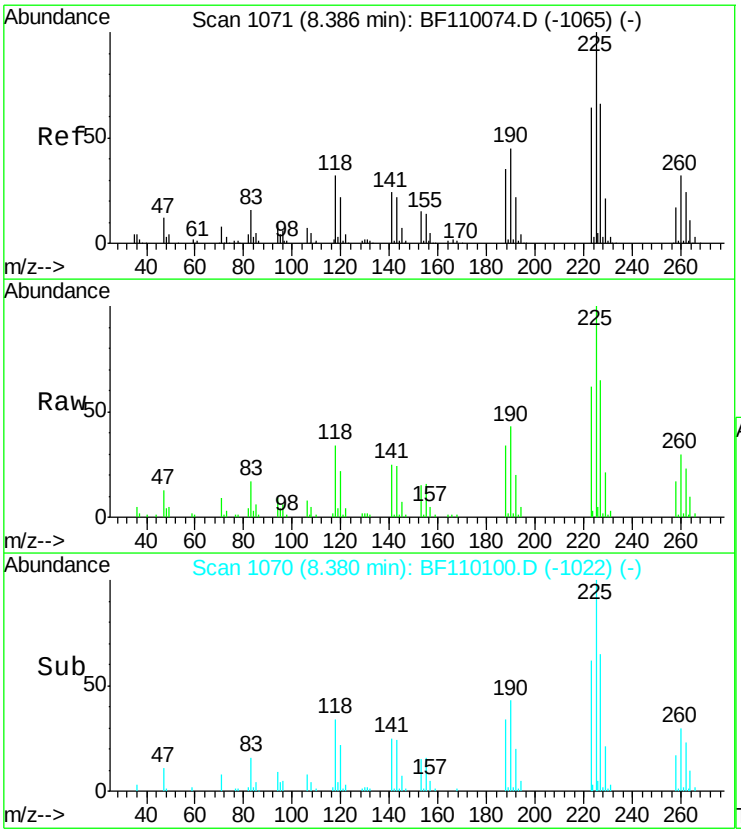
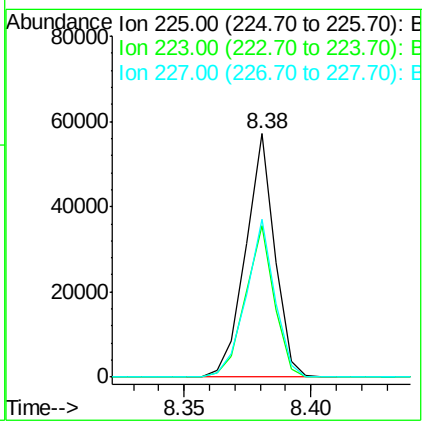
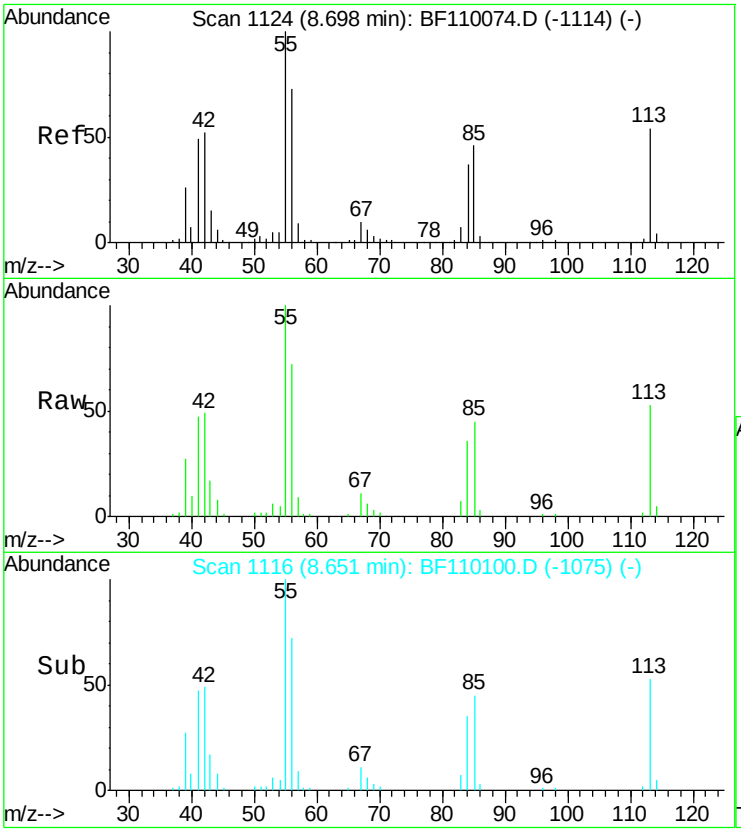


#34
Hexachlorobutadiene
Concen: 8.059 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:225 Resp: 45661

Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	64.9	51.0	76.6

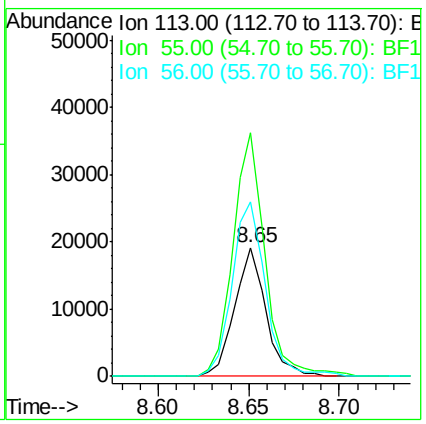




#35
Caprolactam
Concen: 7.218 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.06 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:113 Resp: 22921

Ion	Ratio	Lower	Upper
113	100		
55	189.4	142.8	182.8#
56	135.5	105.0	145.0



Instrument :
BNA_F
ClientSampleId :
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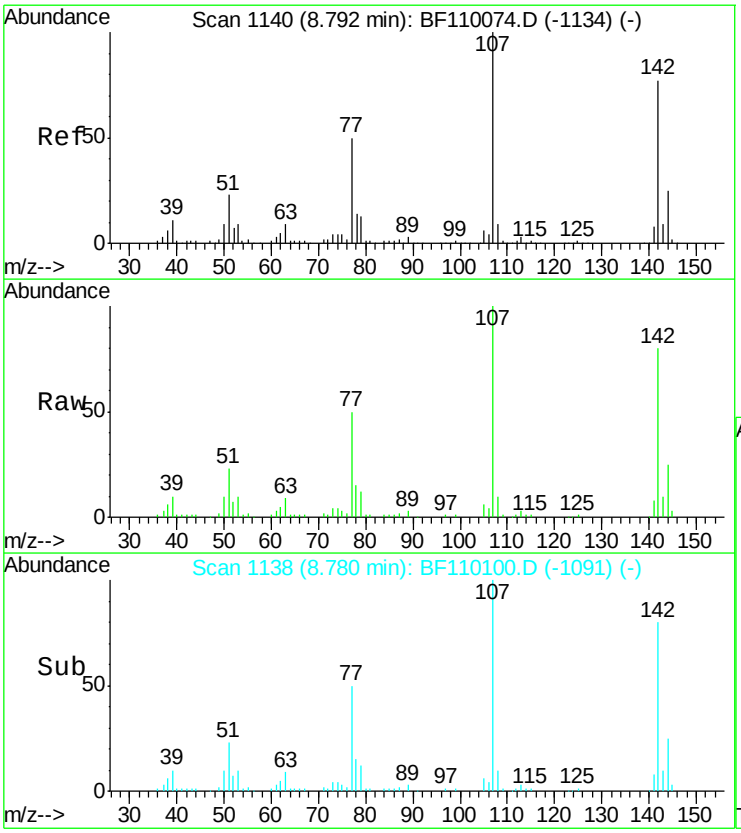
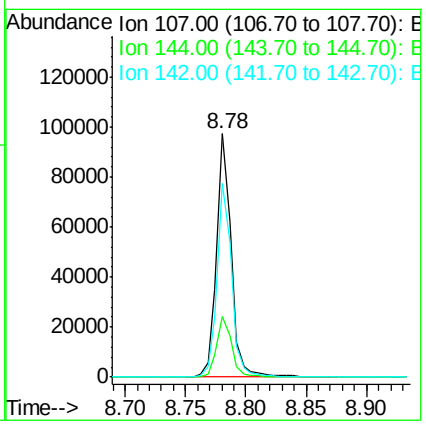
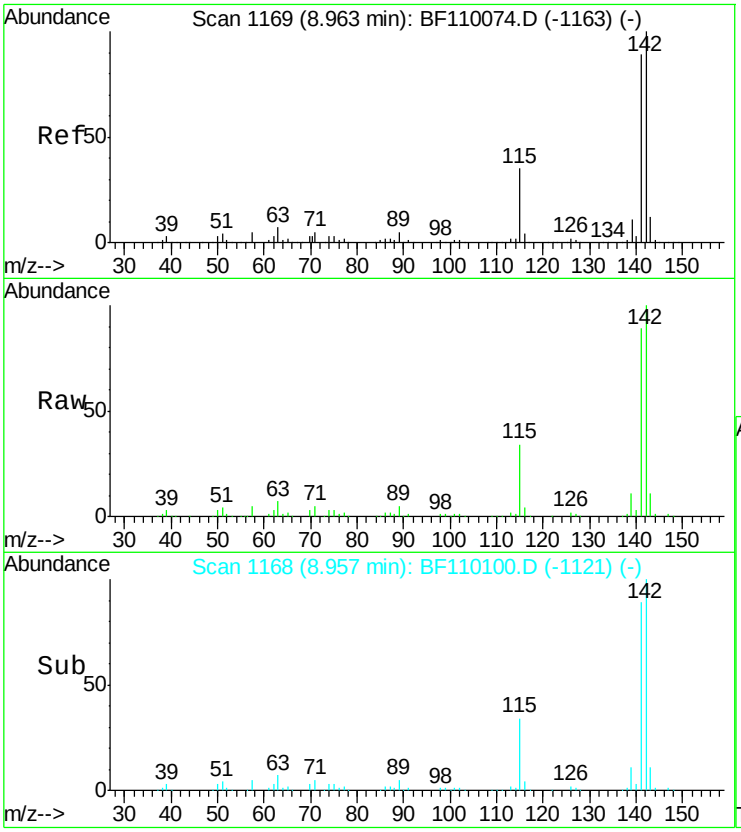


#36
4-Chloro-3-methylphenol
Concen: 8.194 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:107 Resp: 80724

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.0	30.0
142	79.5	59.7	89.5

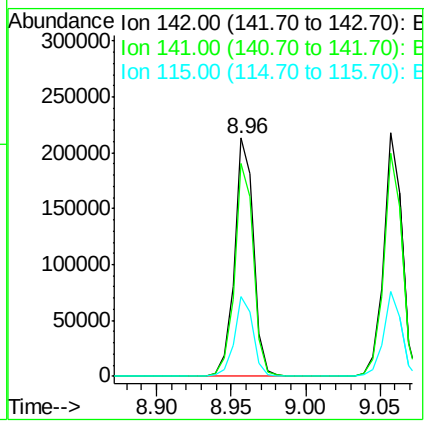




#37
2-Methylnaphthalene
Concen: 9.592 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:142 Resp: 192068

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	33.6	28.7	43.1



Instrument :
BNA_F
ClientSampleId :
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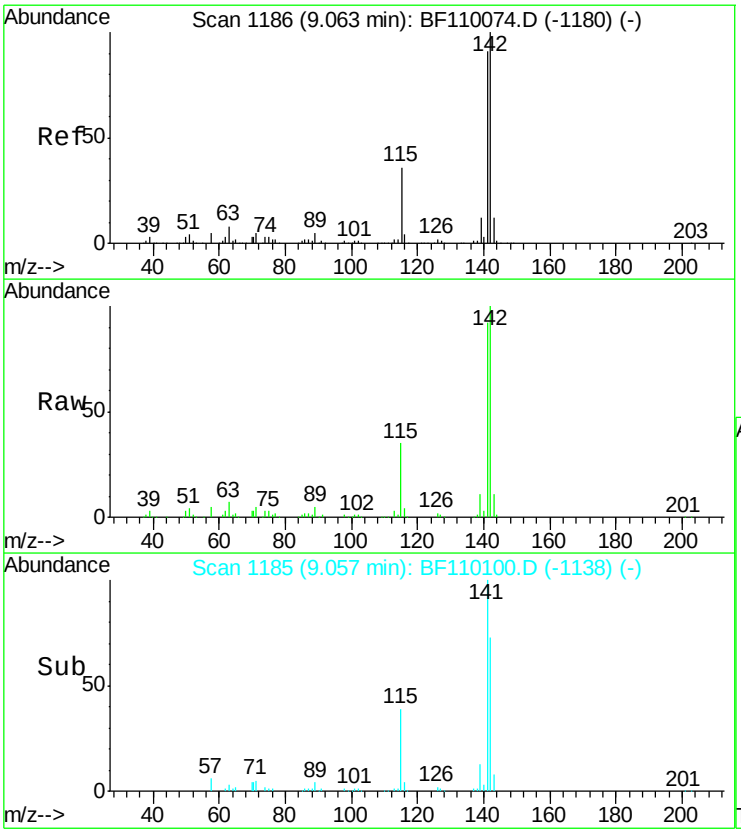
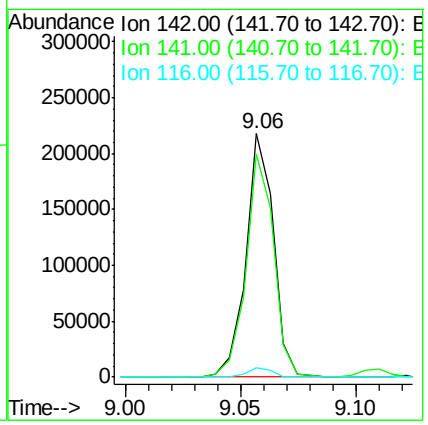
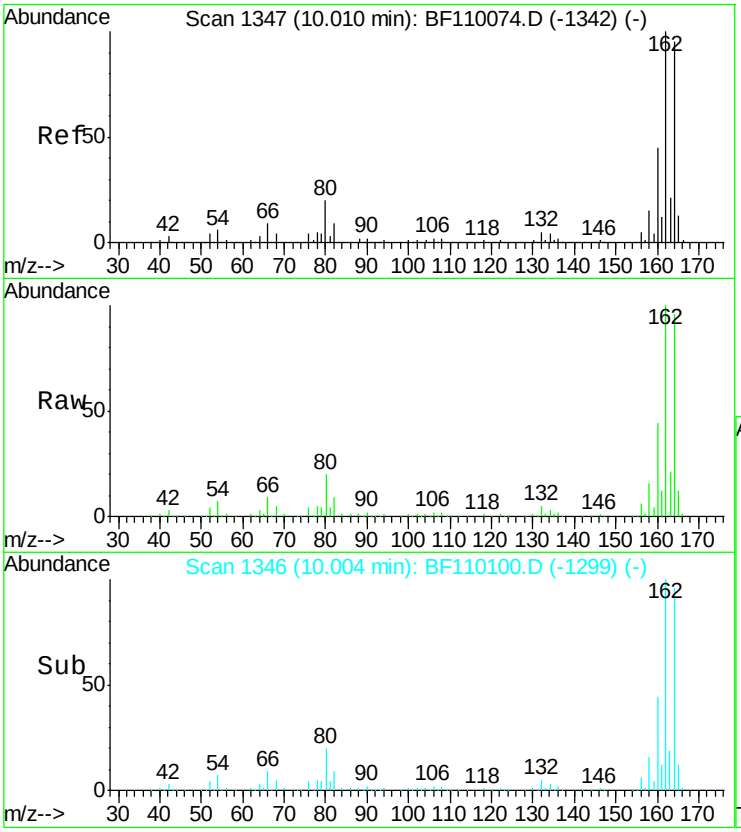


#38
1-Methylnaphthalene
Concen: 9.408 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:142 Resp: 182052

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	3.9	2.6	4.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:164 Resp: 319624

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.6
160	46.0	37.0	55.6

Instrument :
BNA_F
ClientSampleId :
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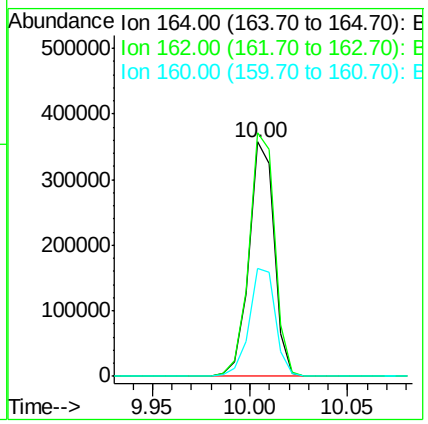
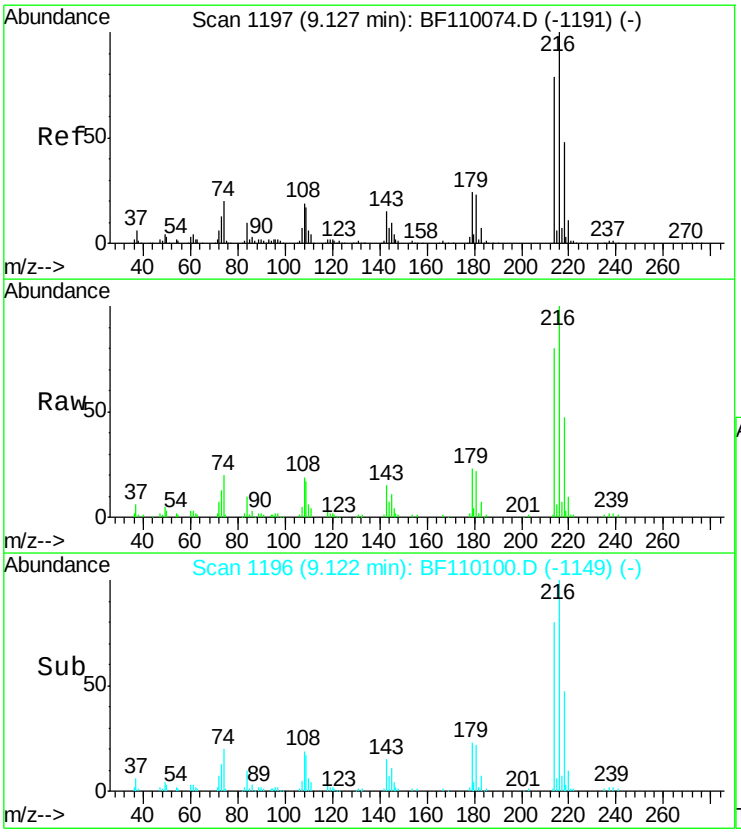
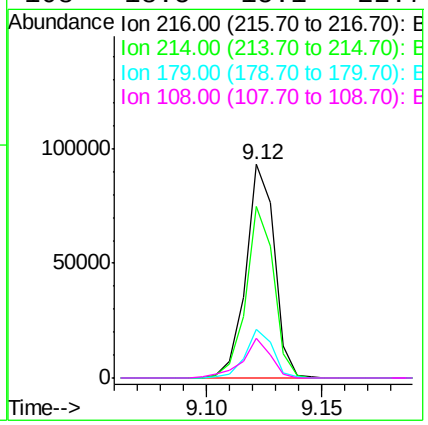


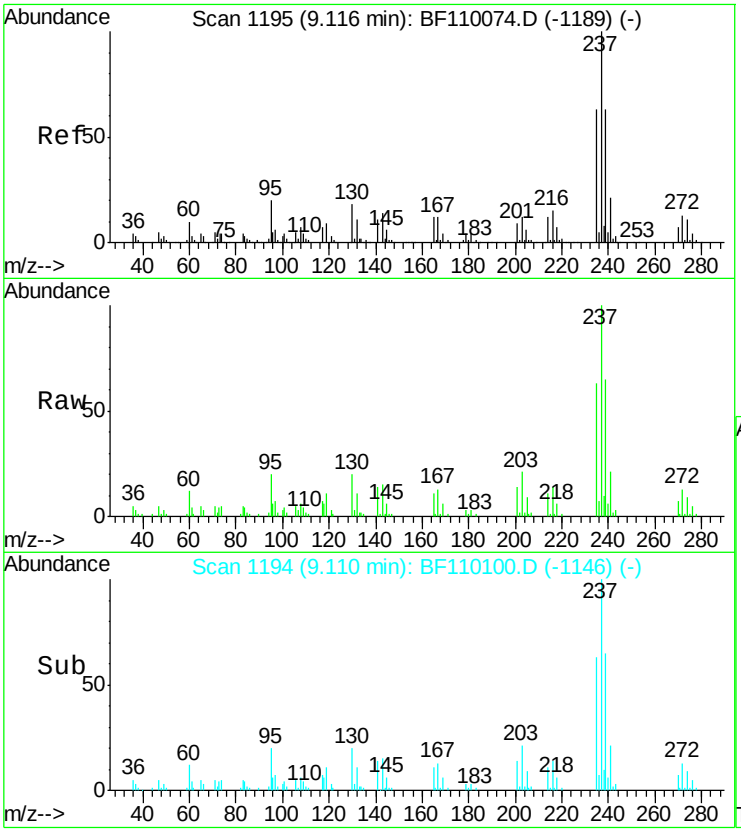


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.105 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:216 Resp: 80716

Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.8	95.6
179	21.7	16.6	25.0
108	18.5	15.1	22.7

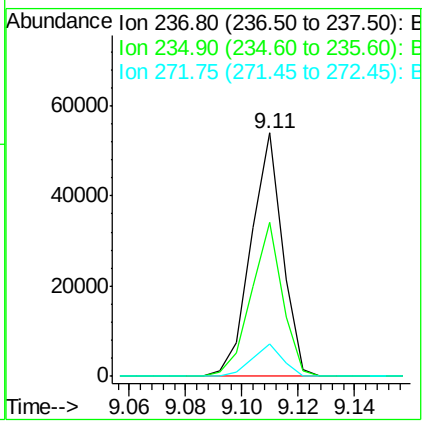




#41
Hexachlorocyclopentadiene
Concen: 8.218 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:237 Resp: 41848

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.1	83.1
272	13.3	0.0	32.6



Instrument :
BNA_F
ClientSampleId :
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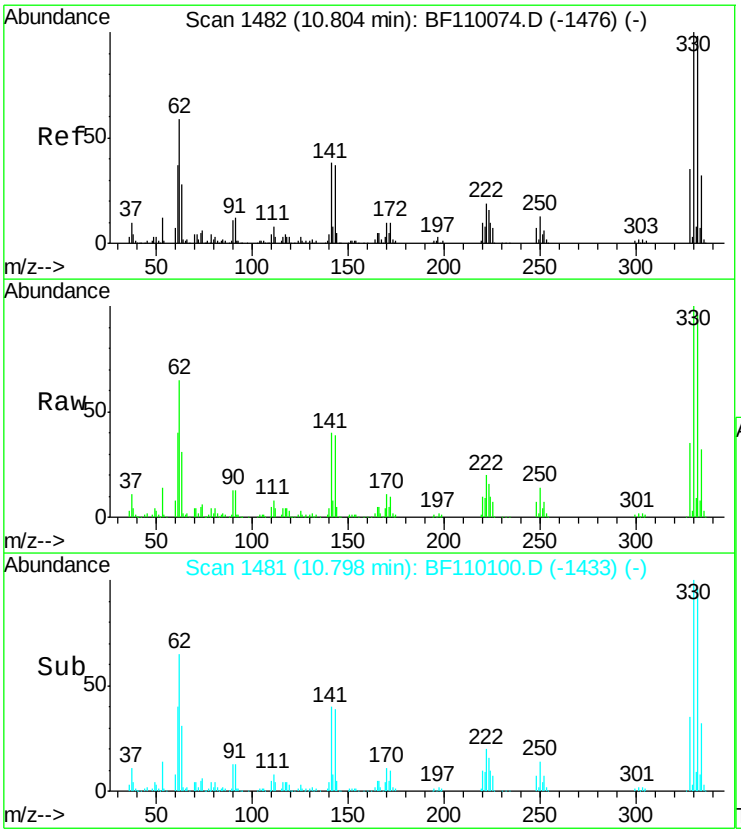
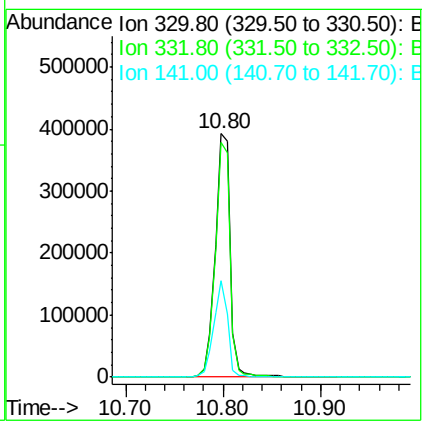
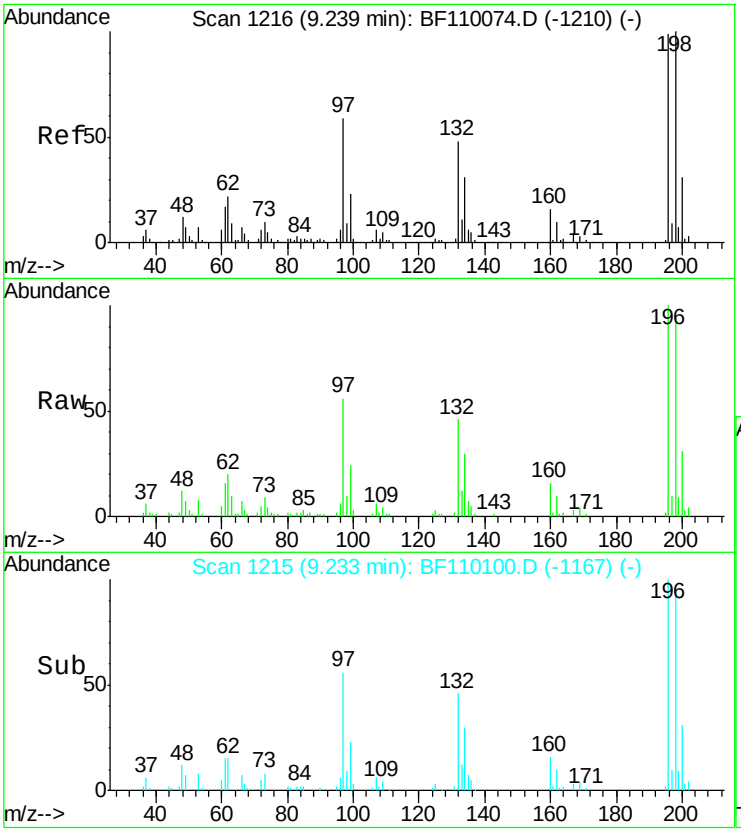


#42
2,4,6-Tribromophenol
Concen: 132.134 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:330 Resp: 418347

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	36.7	27.0	40.4

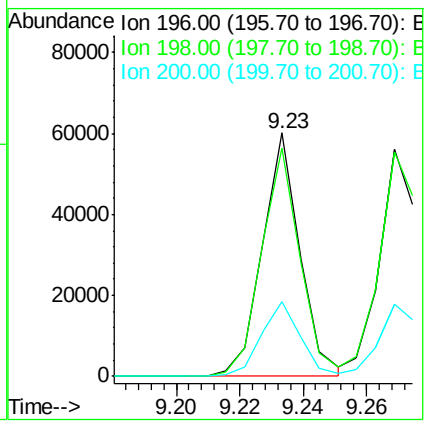




#43
2,4,6-Trichlorophenol
Concen: 7.730 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:196 Resp: 49651

Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.2	114.4
200	30.7	24.4	36.6



Instrument :
BNA_F
ClientSampleId :
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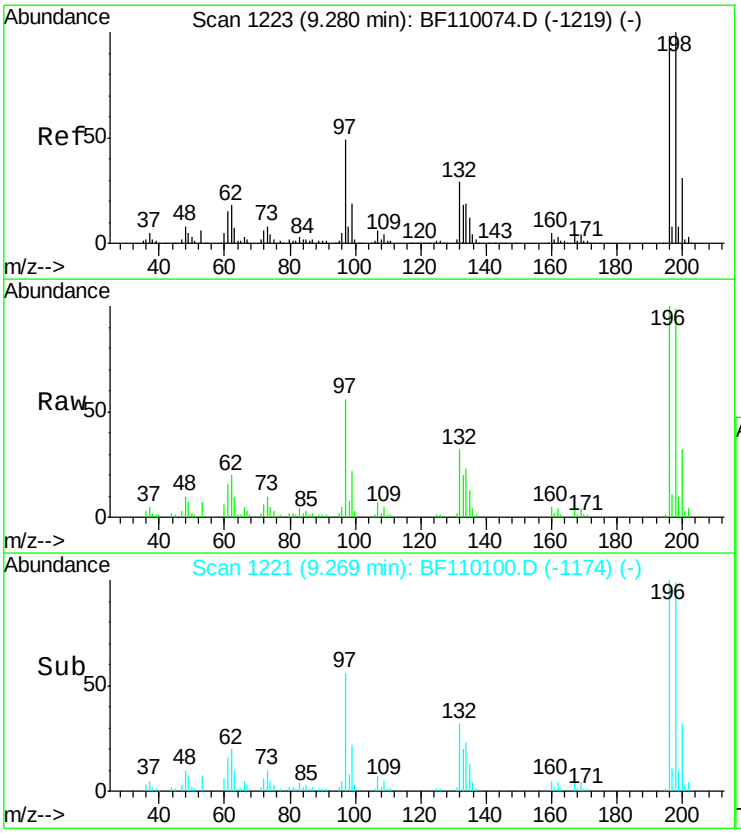
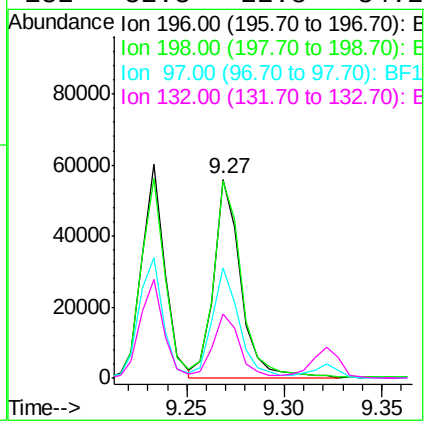
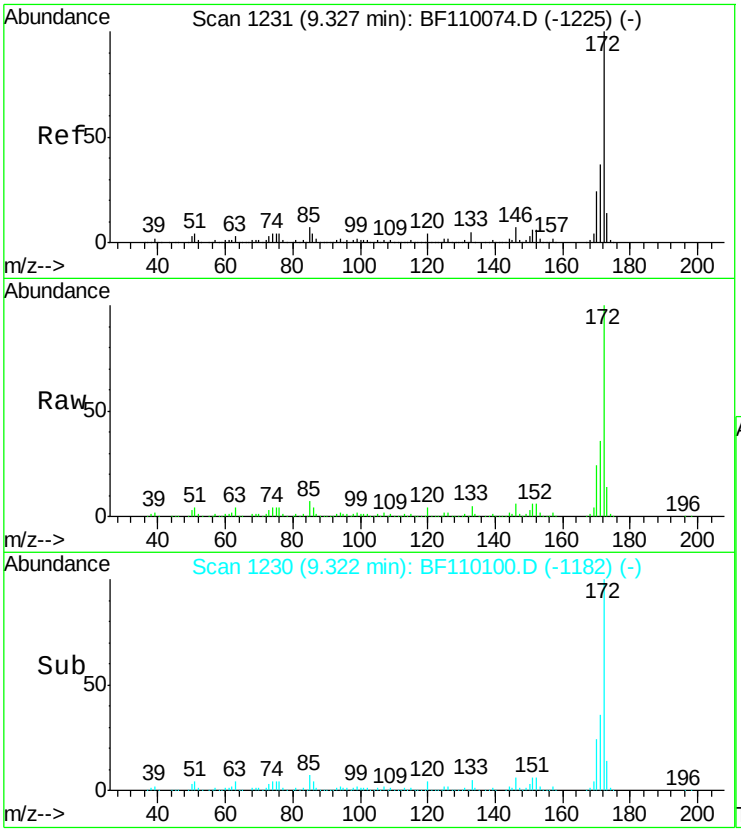


#44
2,4,5-Trichlorophenol
Concen: 7.947 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:196 Resp: 53961

Ion	Ratio	Lower	Upper
196	100		
198	99.0	75.8	113.6
97	55.6	42.4	63.6
132	32.3	22.8	34.2

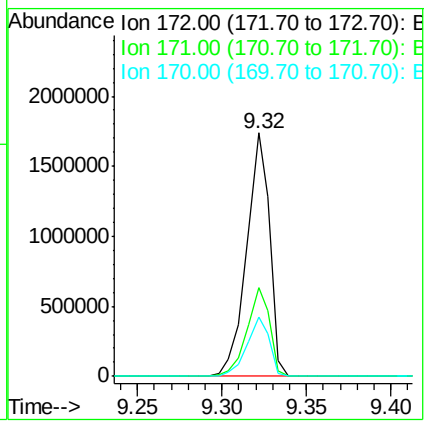




#45
2-Fluorobiphenyl
Concen: 81.386 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:172 Resp: 1656596

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.4	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
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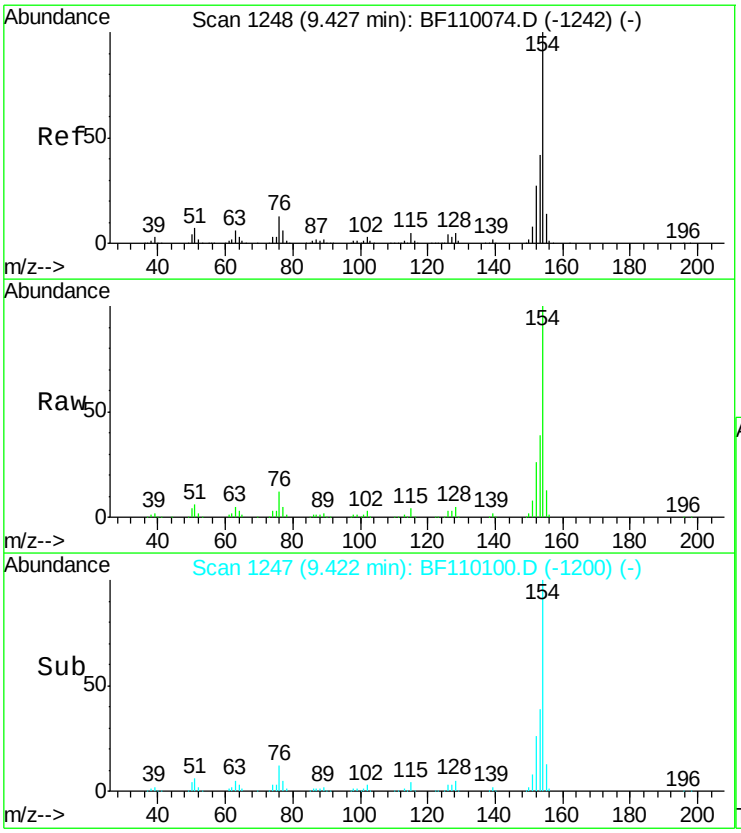
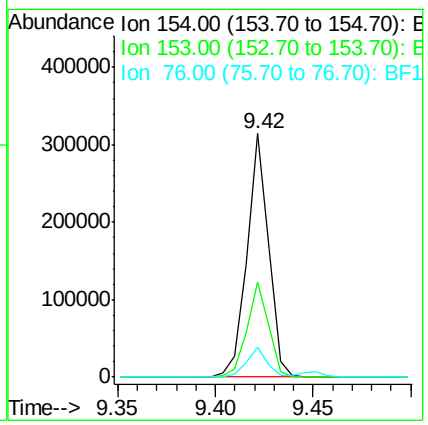
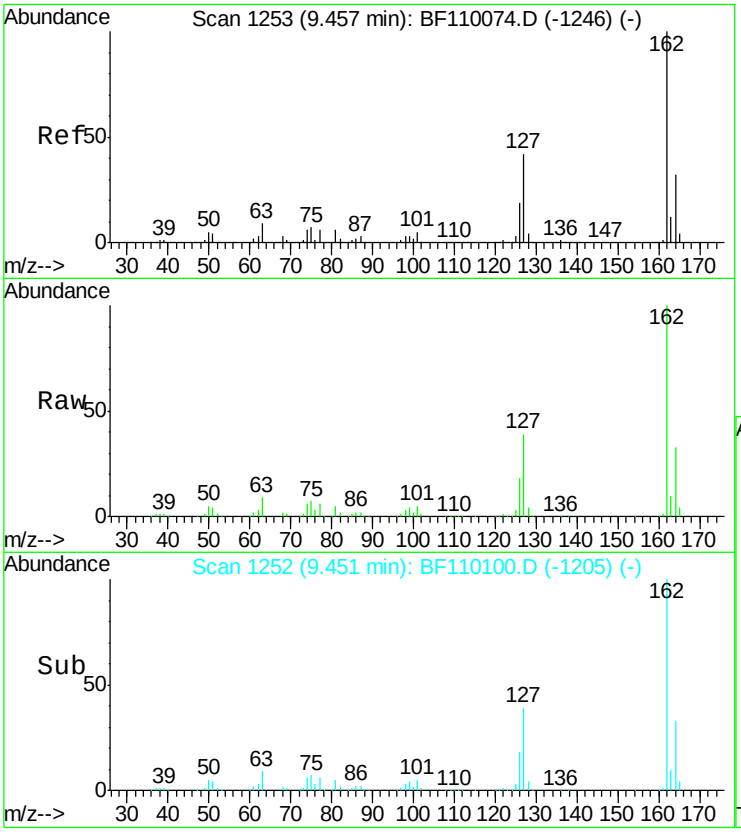


#46
1,1'-Biphenyl
Concen: 8.323 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:154 Resp: 240560

Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.4	60.4
76	12.1	0.0	31.9

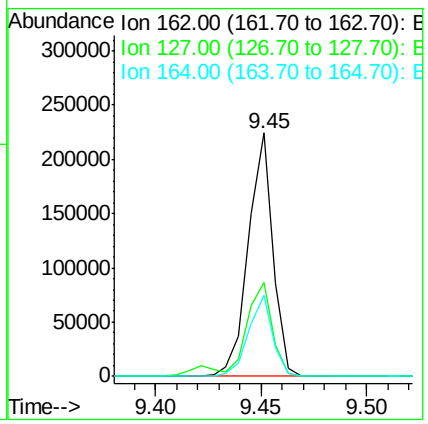




#47
2-Chloronaphthalene
Concen: 8.574 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:162 Resp: 181775

Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.6	48.8
164	33.3	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
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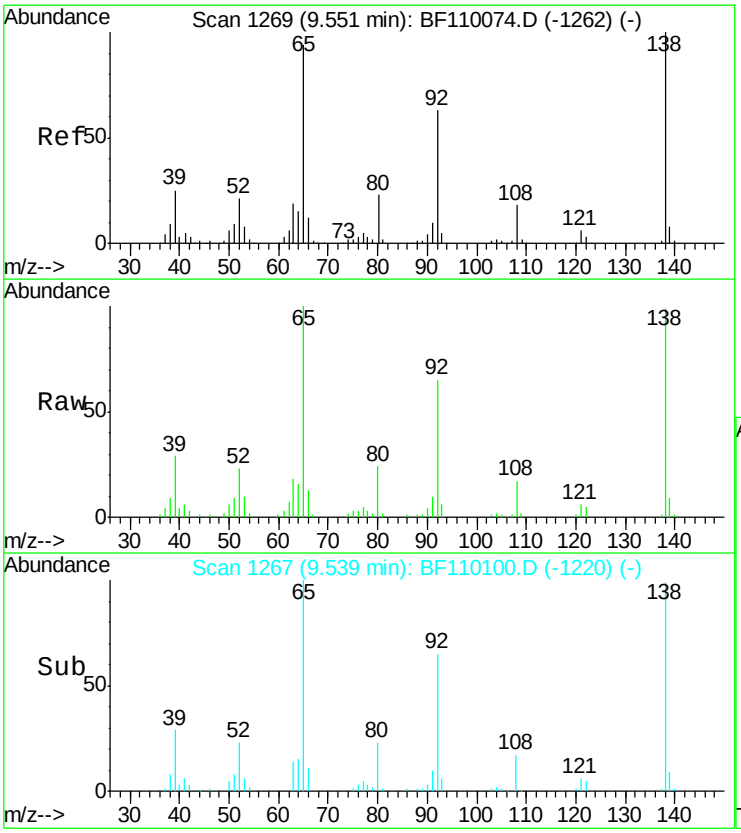
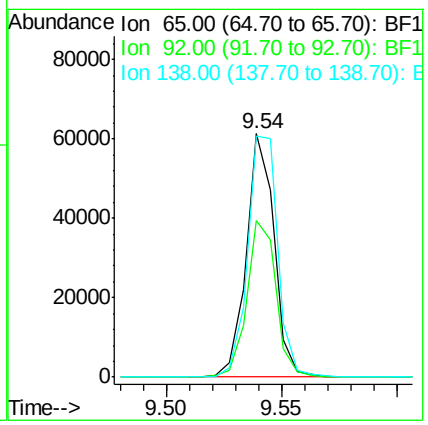
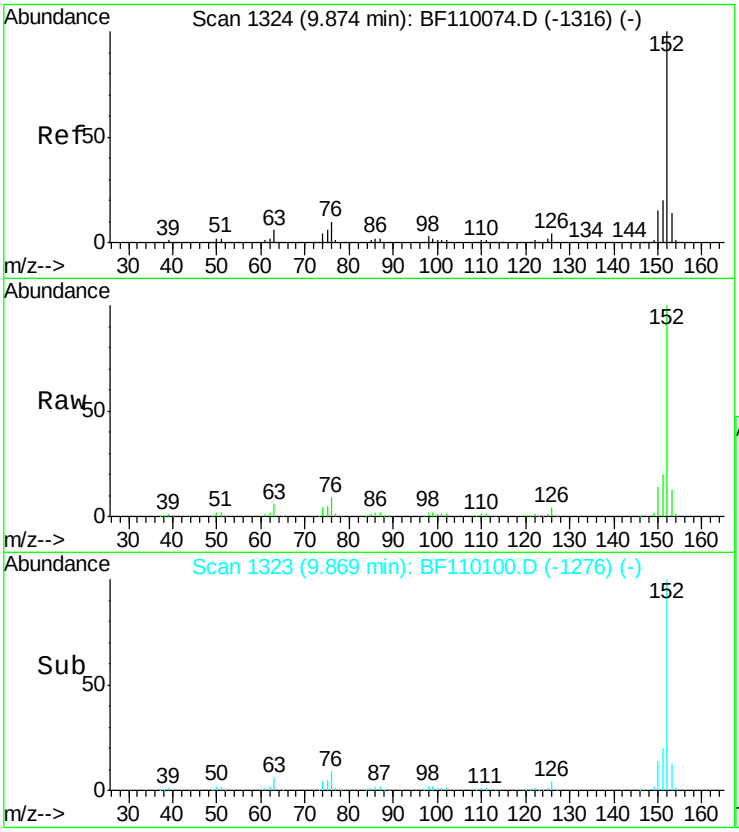


#48
2-Nitroaniline
Concen: 8.035 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 65 Resp: 51625

Ion	Ratio	Lower	Upper
65	100		
92	64.6	54.6	81.8
138	99.3	80.3	120.5

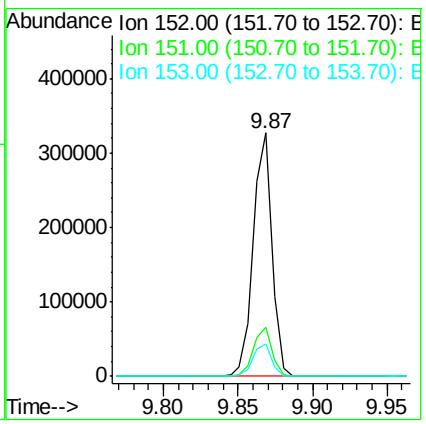




#49
Acenaphthylene
Concen: 9.176 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:152 Resp: 280992

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.4	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
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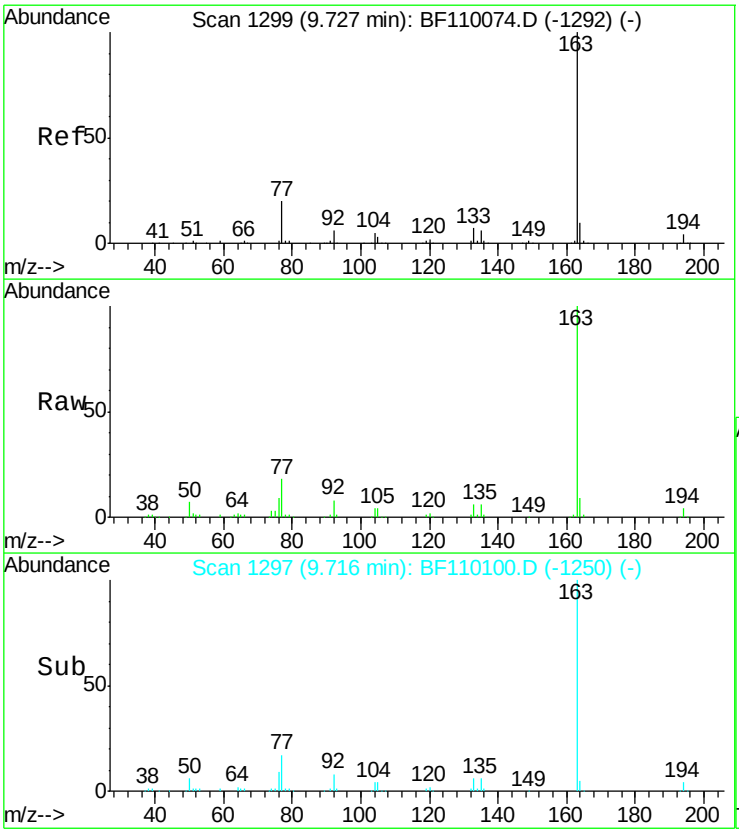
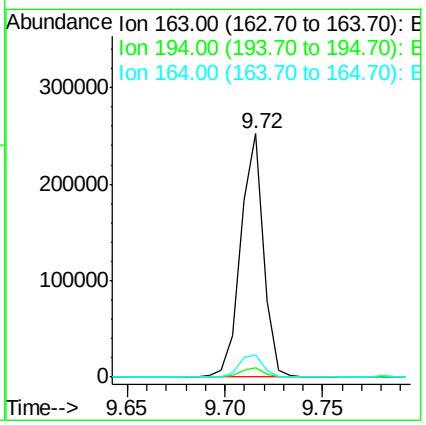
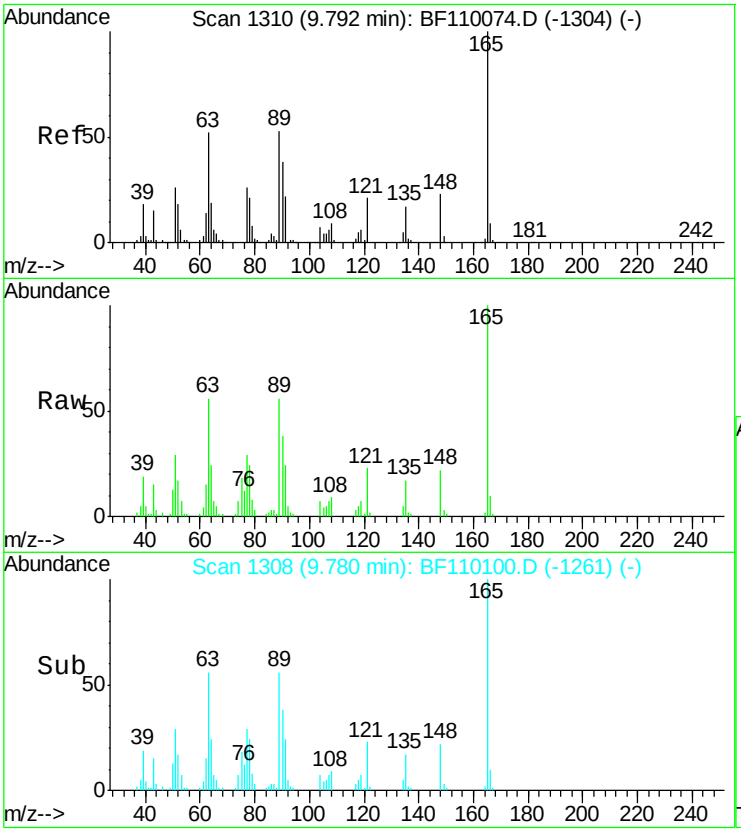


#50
Dimethylphthalate
Concen: 8.632 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:163 Resp: 203655

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.3	8.1	12.1

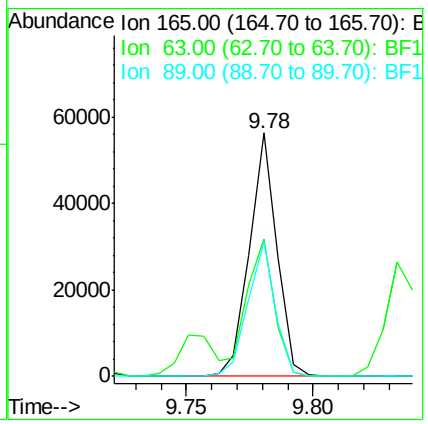




#51
2,6-Dinitrotoluene
Concen: 8.354 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:165 Resp: 42459

Ion	Ratio	Lower	Upper
165	100		
63	56.5	48.9	73.3
89	55.5	46.6	69.8



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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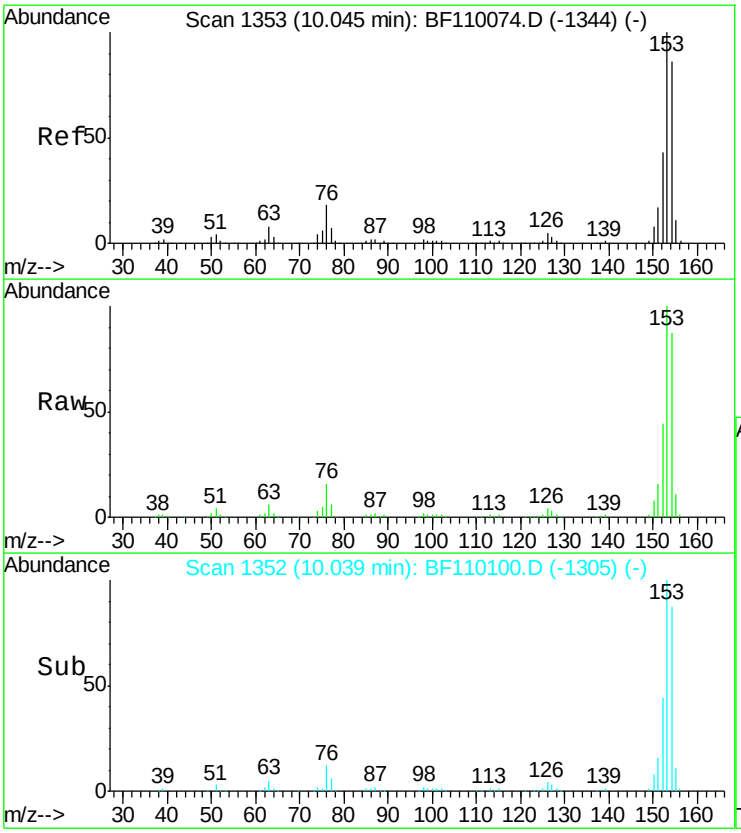
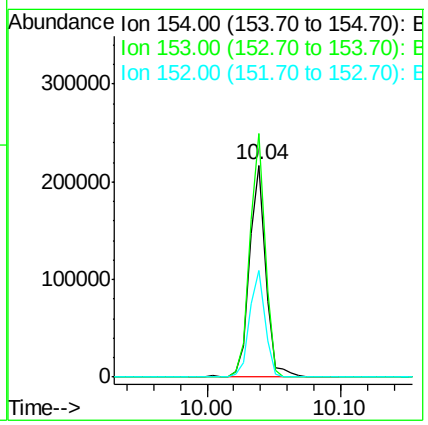
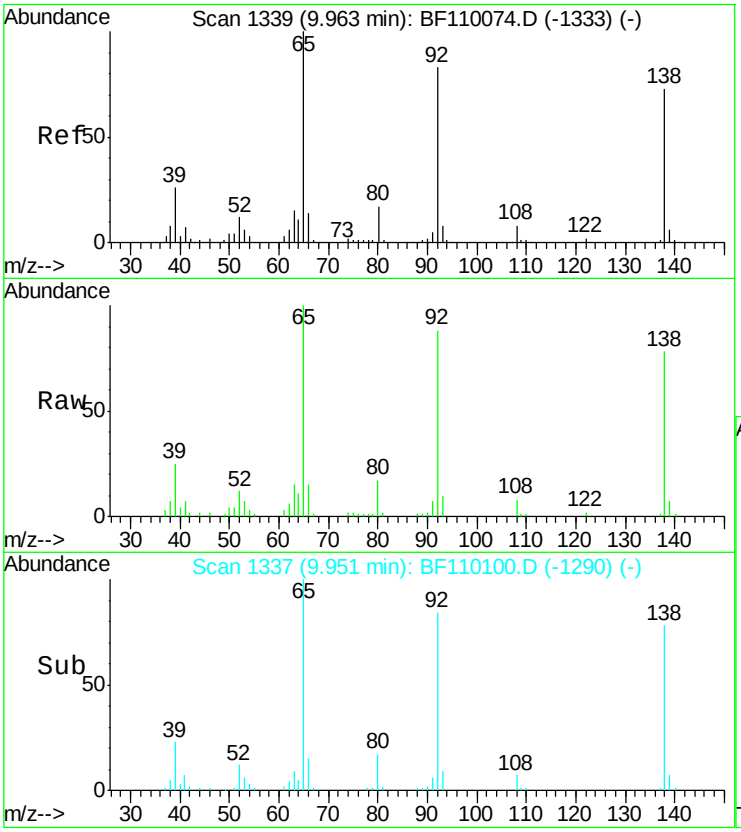


#52
Acenaphthene
Concen: 8.843 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:154 Resp: 179147

Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.1	135.1
152	50.5	43.4	65.2

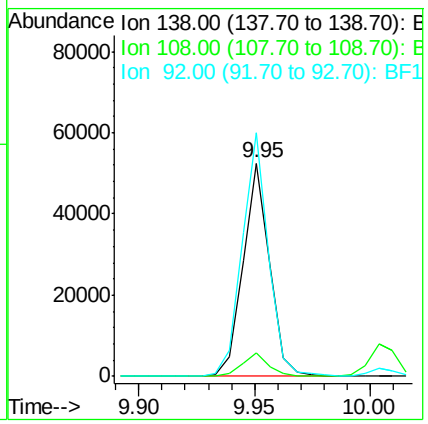




#53
3-Nitroaniline
Concen: 6.968 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:138 Resp: 42112

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	114.1	97.0	145.4



Instrument :
BNA_F
ClientSampleId :
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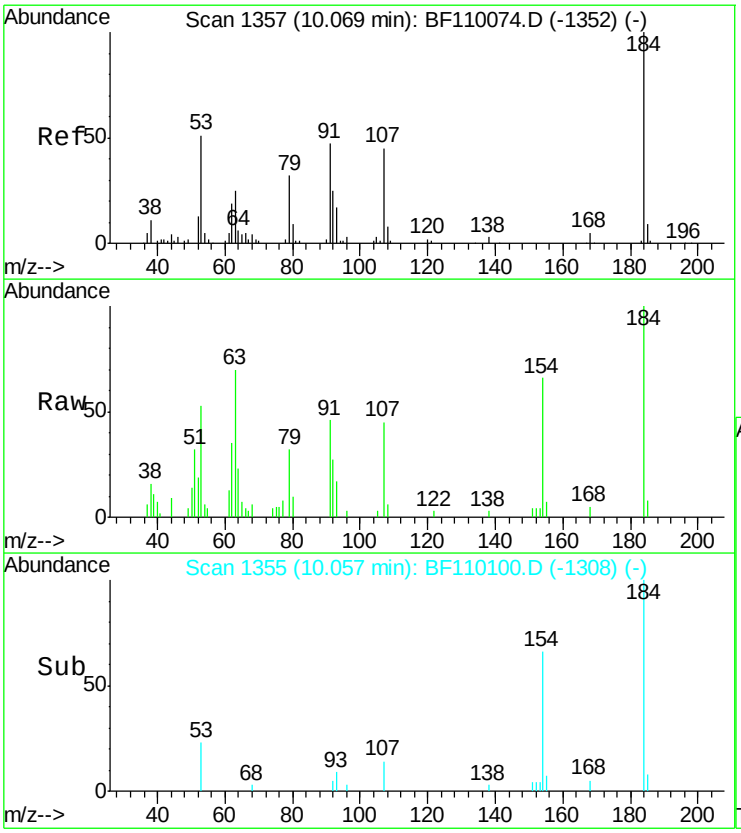
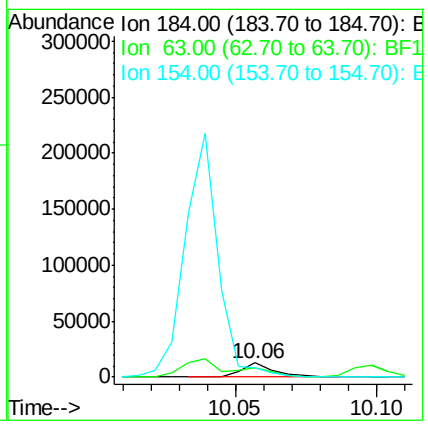
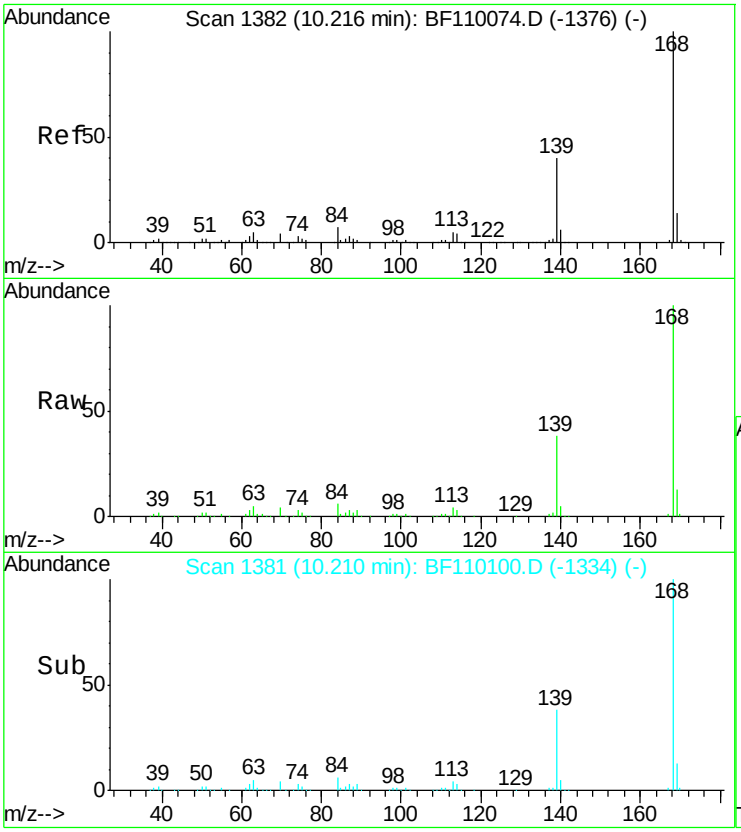


#54
2,4-Dinitrophenol
Concen: 9.769 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:184 Resp: 9908

Ion	Ratio	Lower	Upper
184	100		
63	69.6	55.8	83.6
154	65.8	63.2	94.8

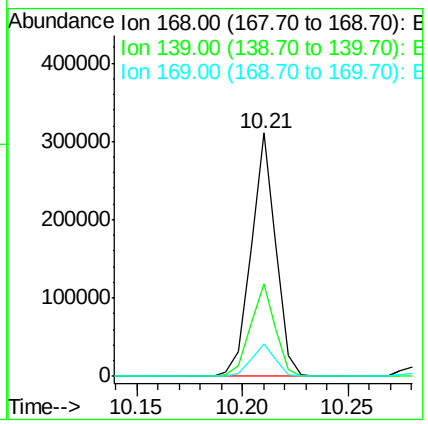




#55
Dibenzofuran
Concen: 8.843 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:168 Resp: 250820

Ion	Ratio	Lower	Upper
168	100		
139	38.0	33.0	49.6
169	13.2	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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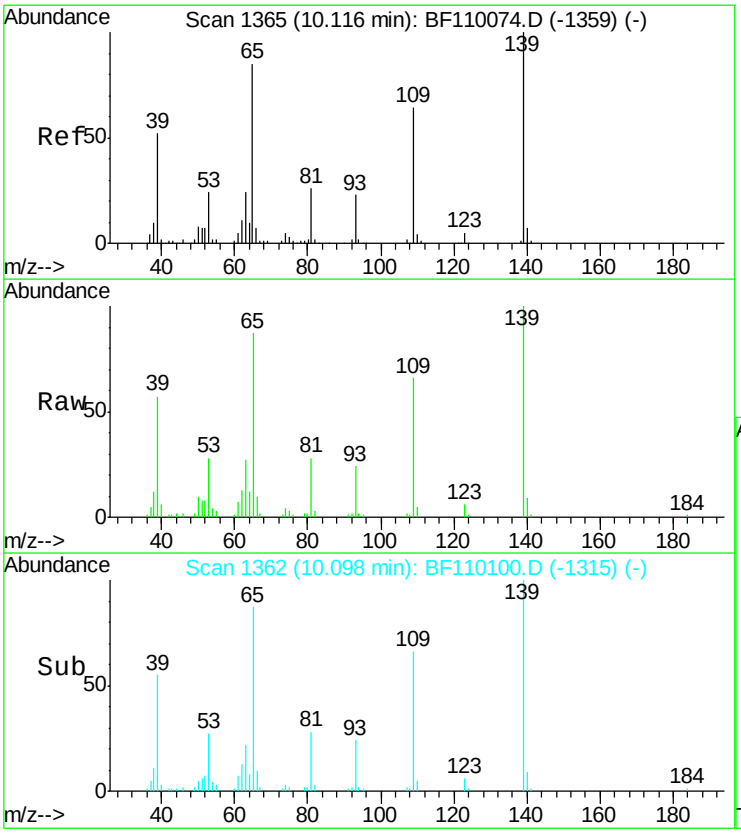
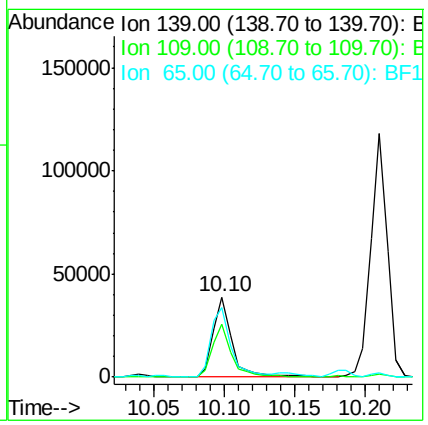
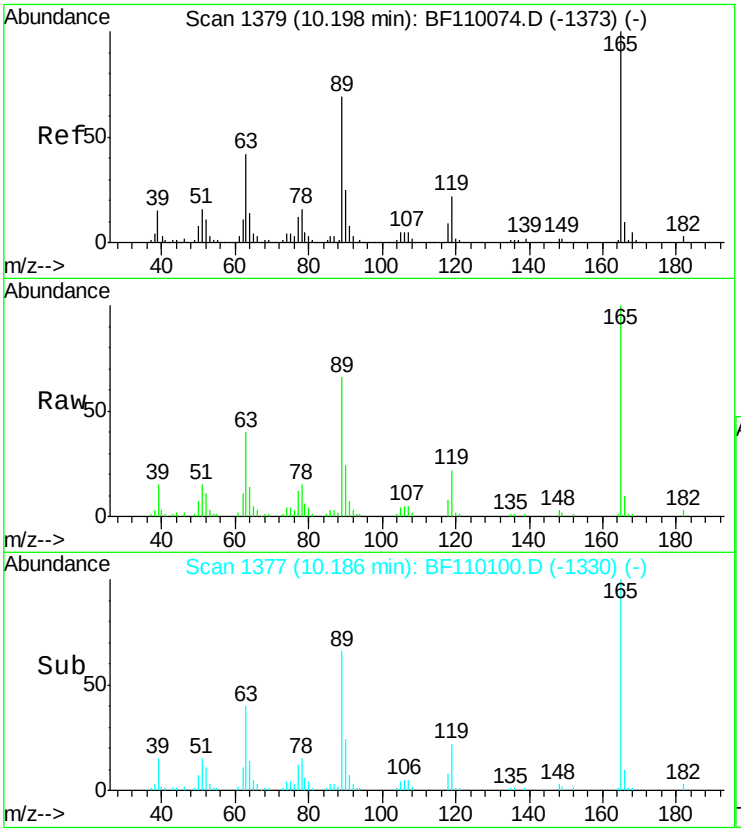


#56
4-Nitrophenol
Concen: 8.249 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:139 Resp: 36900

Ion	Ratio	Lower	Upper
139	100		
109	66.1	55.8	95.8
65	87.0	77.9	117.9

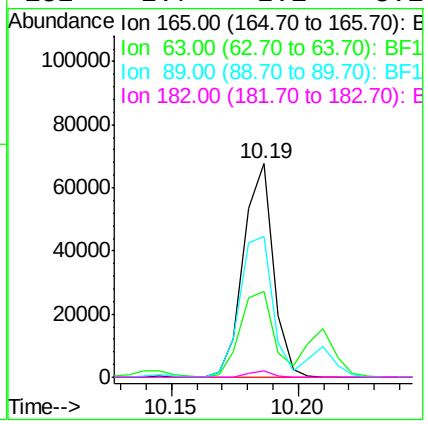




#57
2,4-Dinitrotoluene
Concen: 8.582 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:165 Resp: 55399

Ion	Ratio	Lower	Upper
165	100		
63	40.2	44.8	67.2#
89	66.0	62.2	93.4
182	2.7	2.1	3.1



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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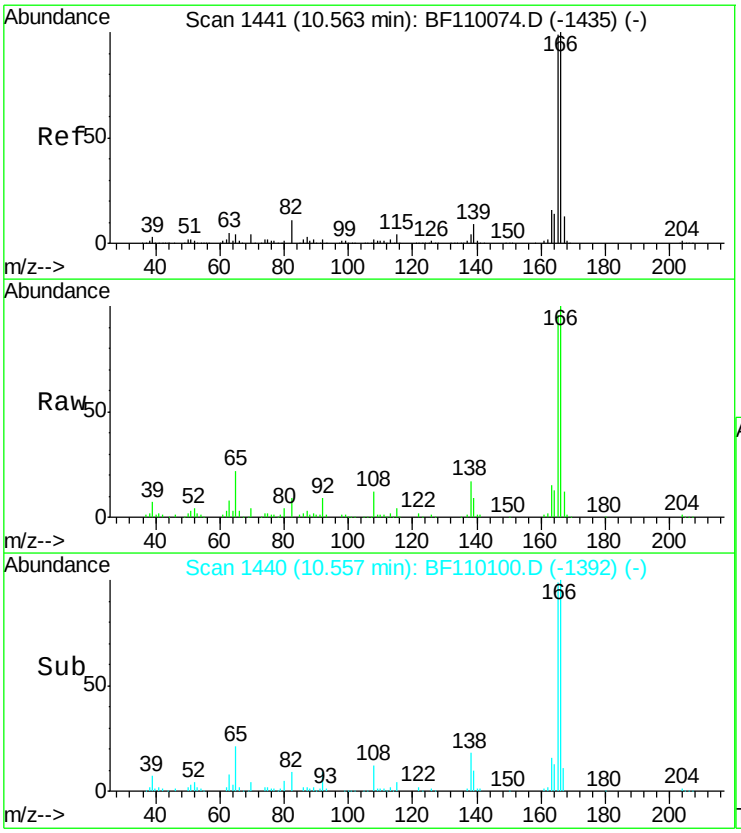
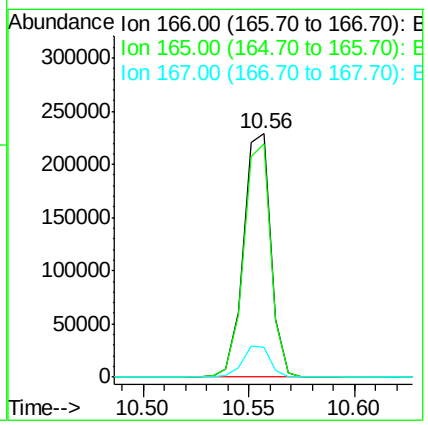
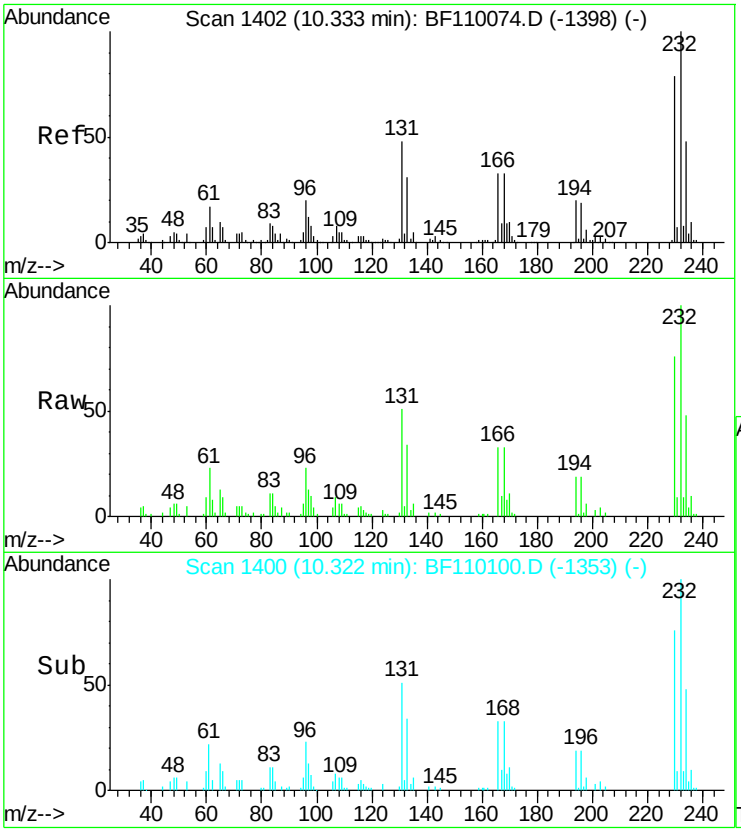


#58
Fluorene
Concen: 9.679 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:166 Resp: 204313

Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.6	117.8
167	12.2	10.8	16.2

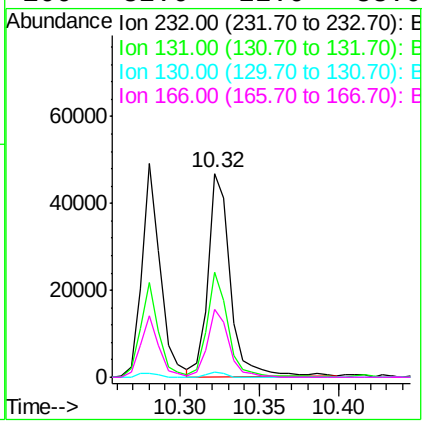




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.216 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:232 Resp: 45468

Ion	Ratio	Lower	Upper
232	100		
131	50.2	37.0	55.4
130	1.9	1.8	2.6
166	32.6	22.0	33.0



Instrument :
BNA_F
ClientSampleId :
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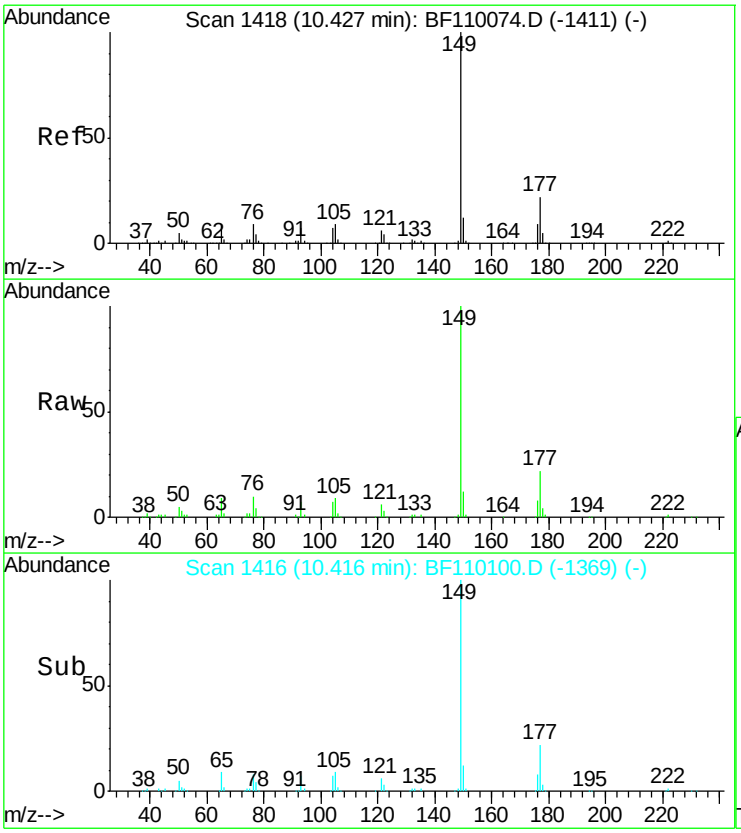
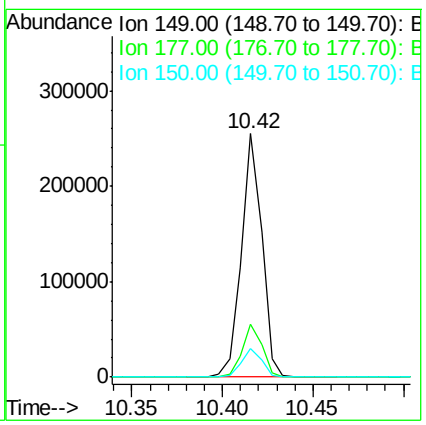
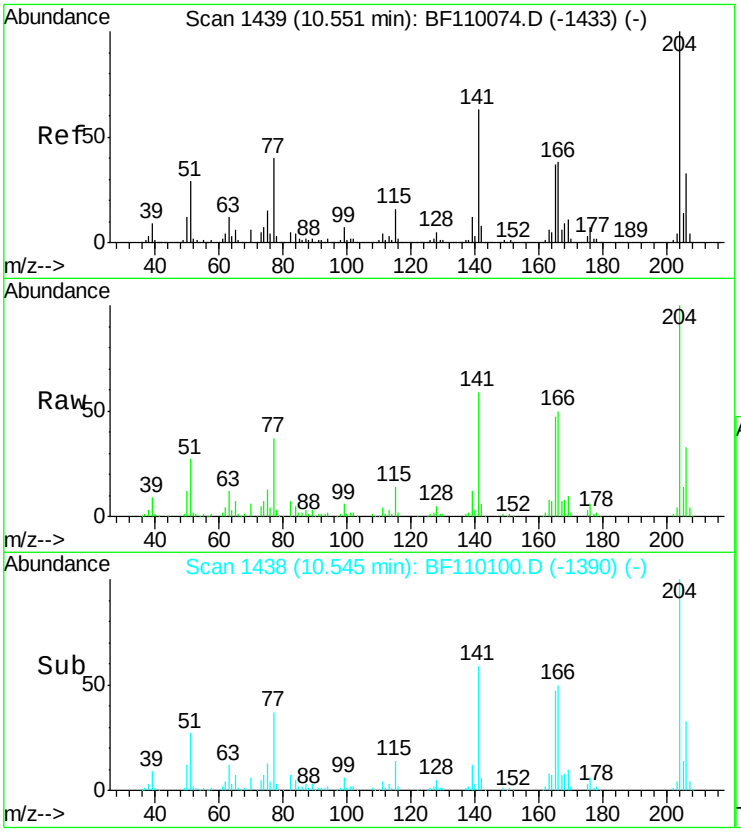


#60
Diethylphthalate
Concen: 8.686 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:149 Resp: 200043

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	11.6	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 8.542 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:204 Resp: 95123

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	58.7	51.8	77.8

Instrument :
BNA_F
ClientSampleId :
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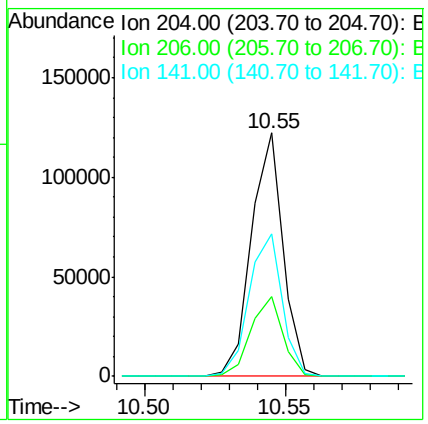
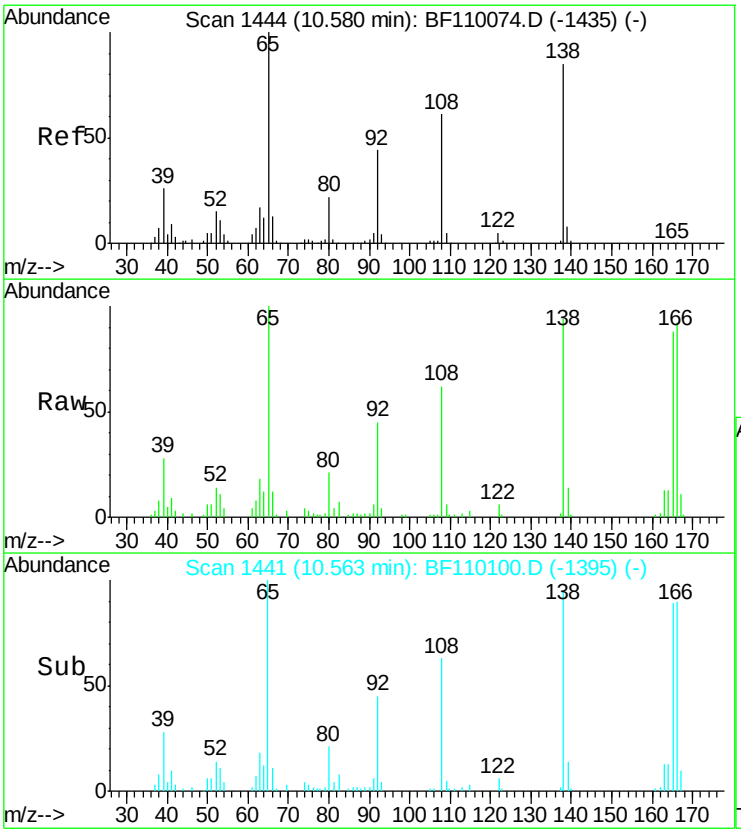
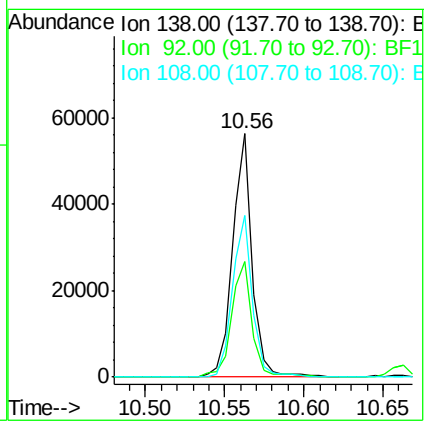


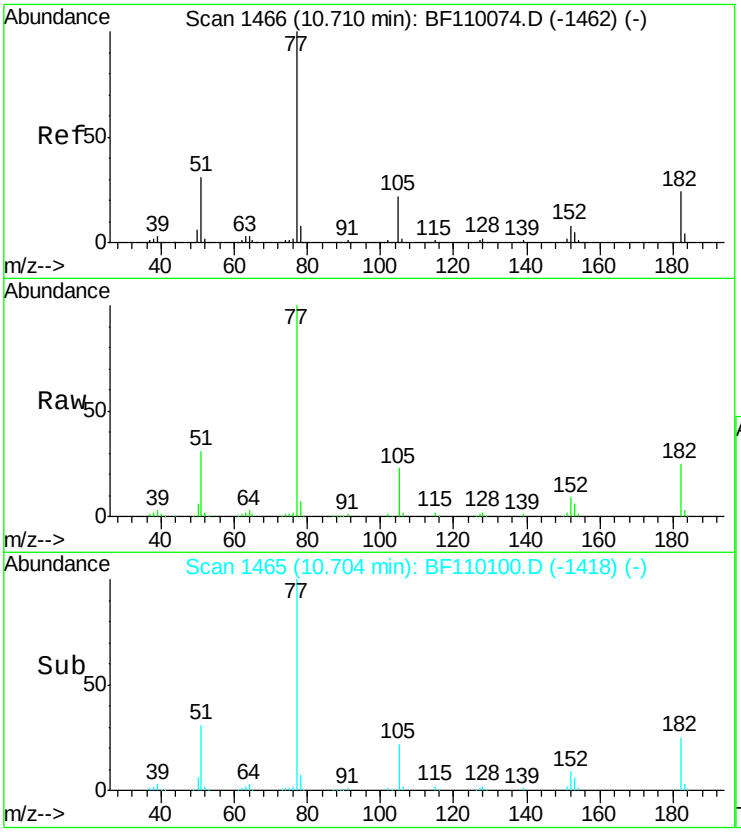


#62
4-Nitroaniline
Concen: 7.982 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:138 Resp: 47981

Ion	Ratio	Lower	Upper
138	100		
92	47.6	31.7	71.7
108	66.6	59.3	99.3

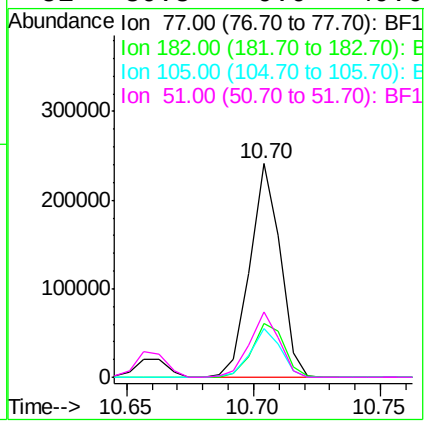




#63
Azobenzene
Concen: 8.829 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 77 Resp: 201831

Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.3	44.3
105	22.8	1.3	41.3
51	30.8	9.0	49.0



Instrument :
BNA_F
ClientSampleId :
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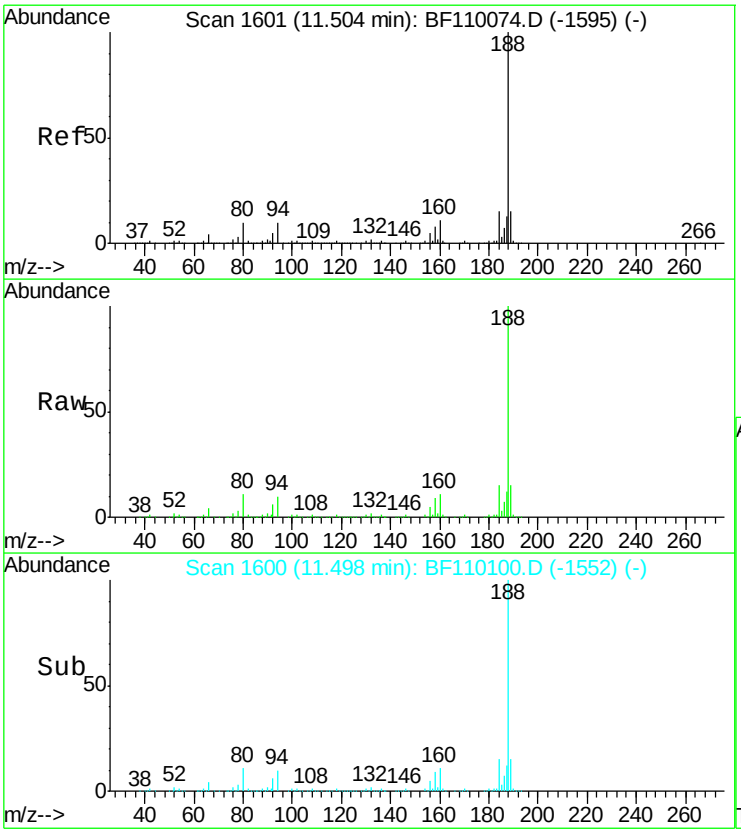
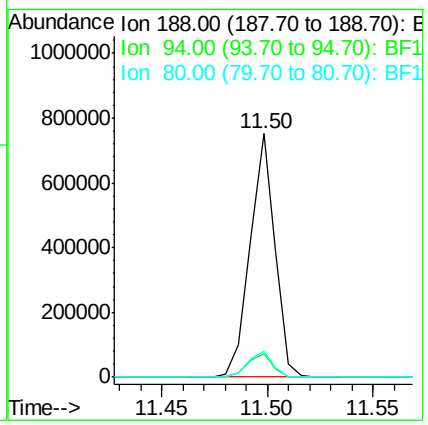
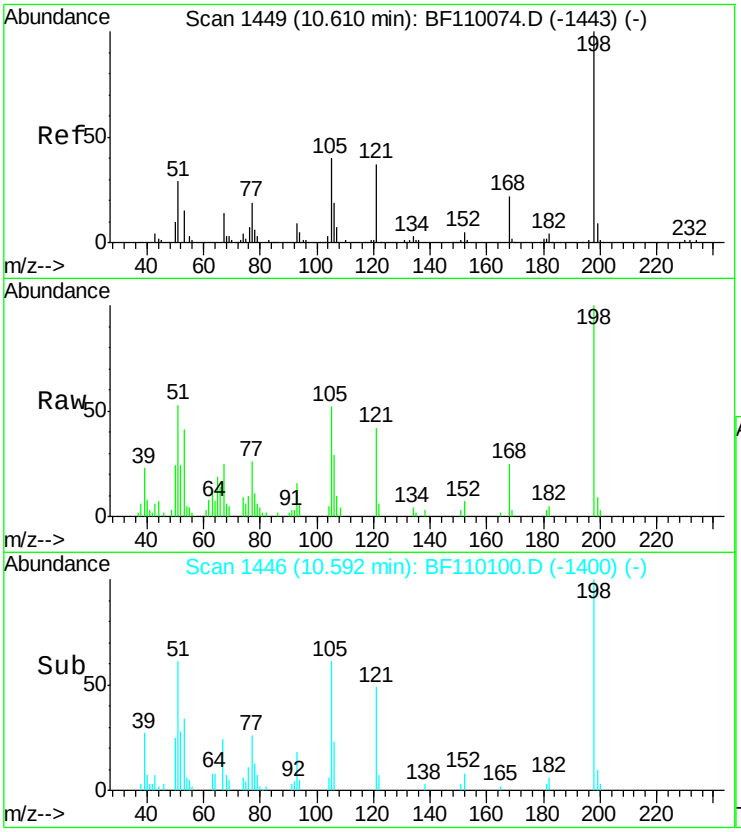


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:188 Resp: 615762

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.6	7.9	11.9

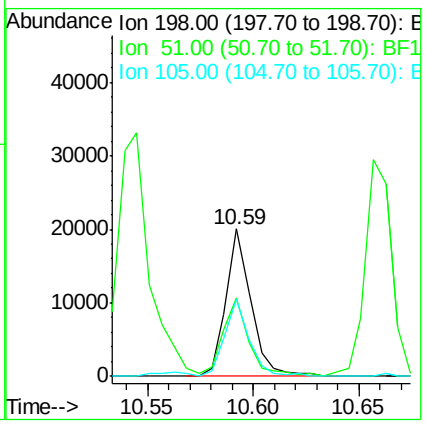




#65
4,6-Dinitro-2-methylphenol
Concen: 5.861 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:198 Resp: 16488

Ion	Ratio	Lower	Upper
198	100		
51	53.0	22.8	62.8
105	52.5	23.6	63.6



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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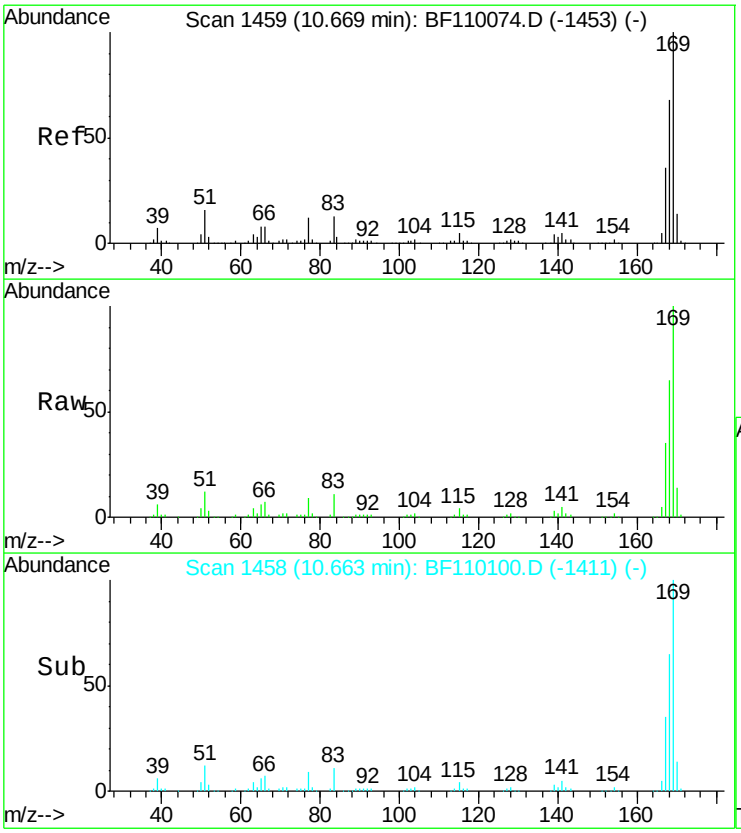
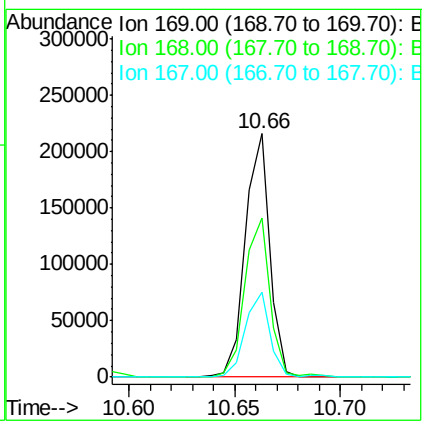
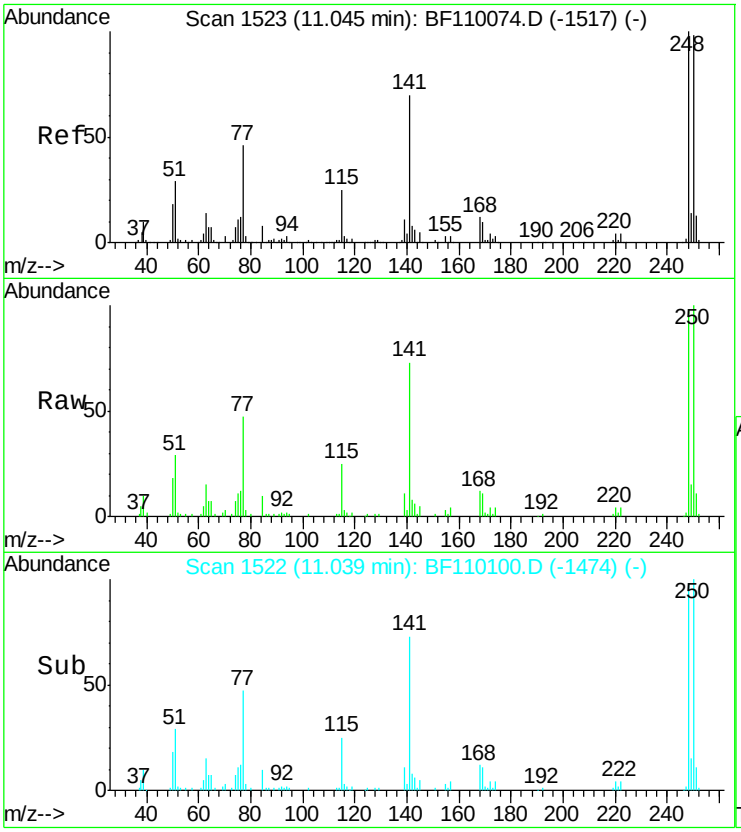


#66
n-Nitrosodiphenylamine
Concen: 8.617 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:169 Resp: 174032

Ion	Ratio	Lower	Upper
169	100		
168	65.3	51.2	76.8
167	35.1	27.8	41.6

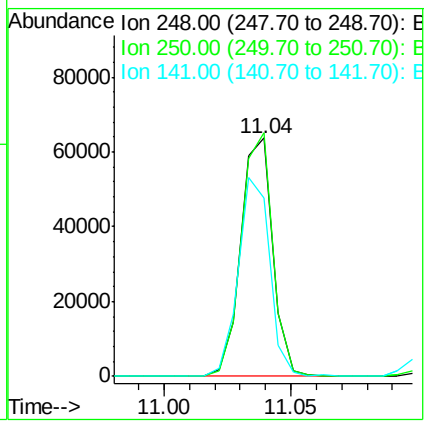




#67
4-Bromophenyl-phenylether
Concen: 8.349 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:248 Resp: 55763

Ion	Ratio	Lower	Upper
248	100		
250	102.3	79.4	119.2
141	75.2	55.9	83.9



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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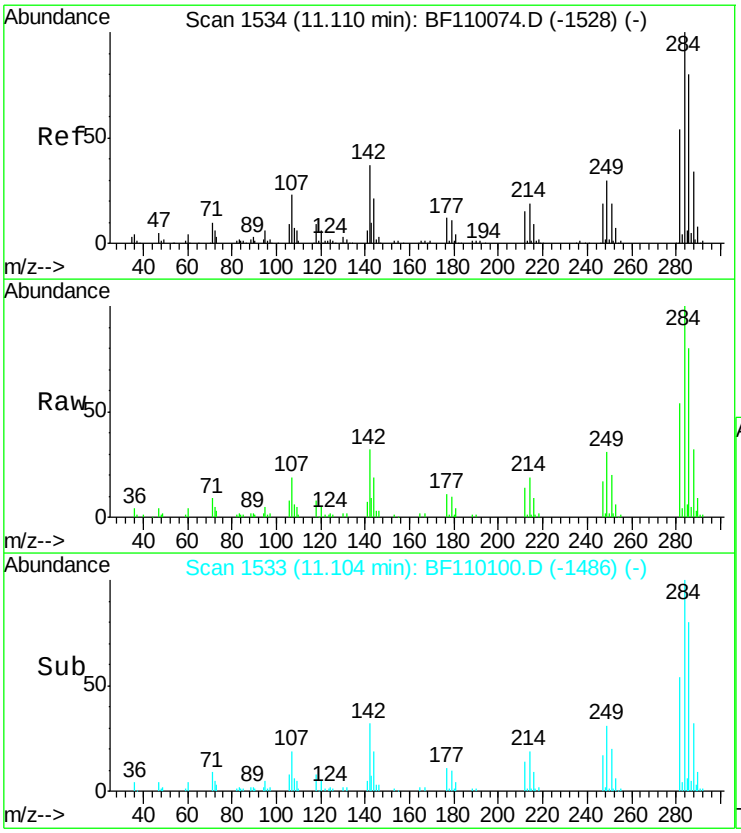
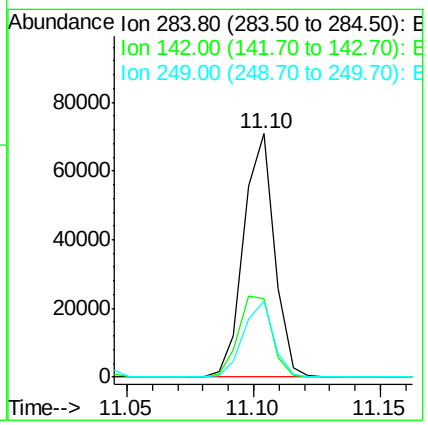
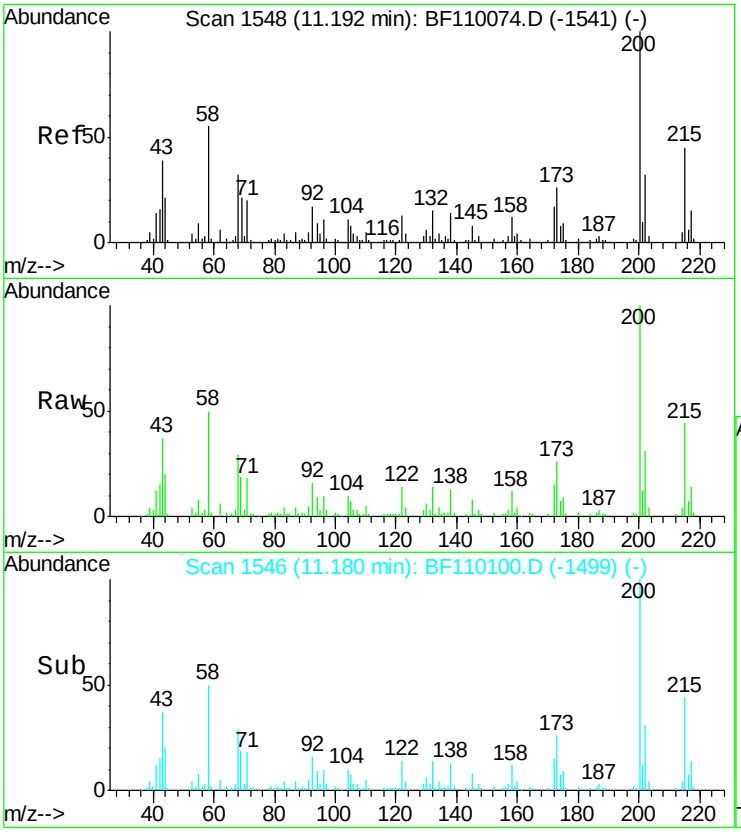


#68
Hexachlorobenzene
Concen: 8.451 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:284 Resp: 59889

Ion	Ratio	Lower	Upper
284	100		
142	32.3	23.9	35.9
249	31.1	24.2	36.2

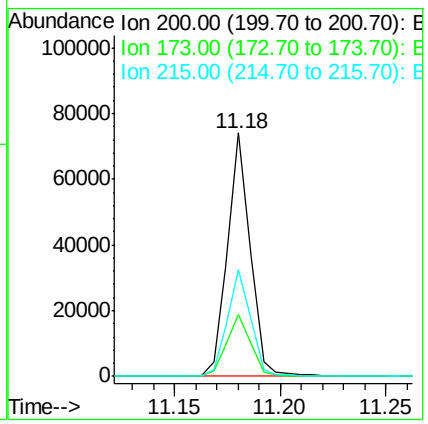




#69
Atrazine
Concen: 8.576 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:200 Resp: 54737

Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.6	46.6
215	43.6	26.3	66.3



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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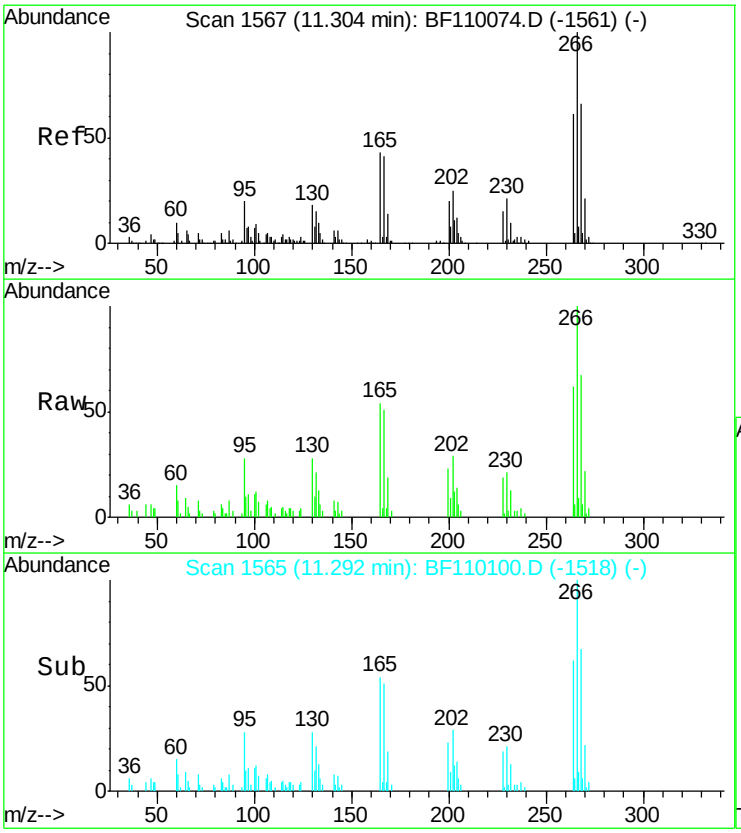
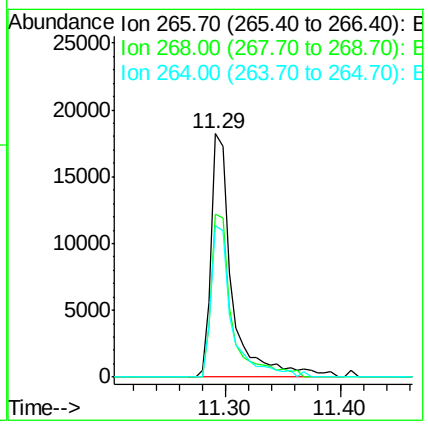
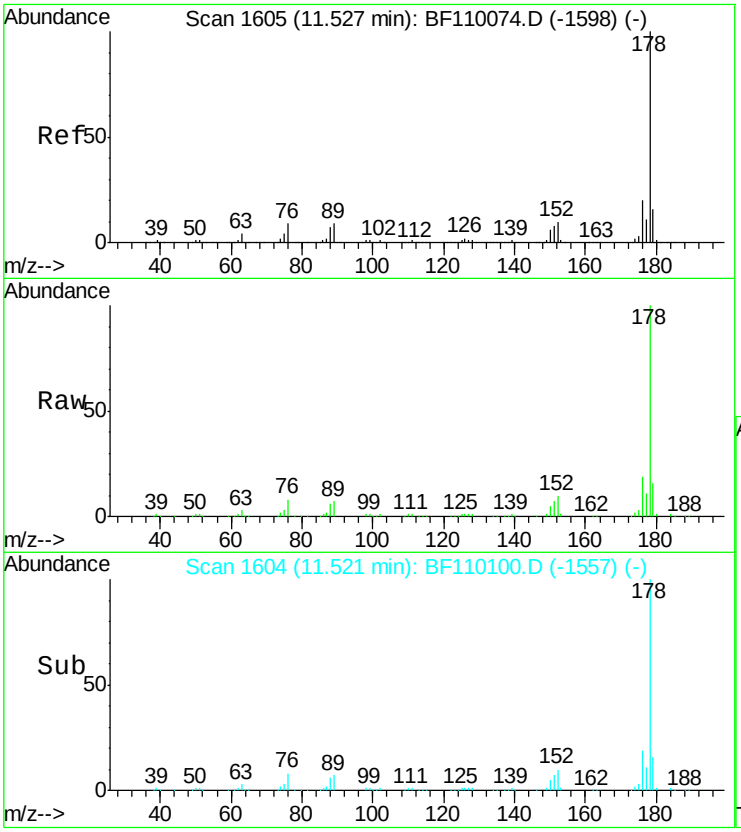


#70
Pentachlorophenol
Concen: 5.591 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:266 Resp: 23103

Ion	Ratio	Lower	Upper
266	100		
268	67.1	50.6	75.8
264	62.2	50.6	75.8

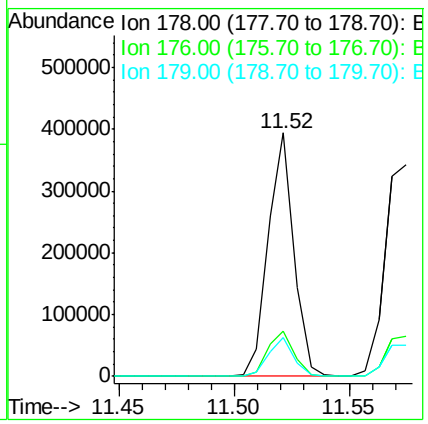




#71
Phenanthrene
Concen: 9.471 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:178 Resp: 305143

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.7	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
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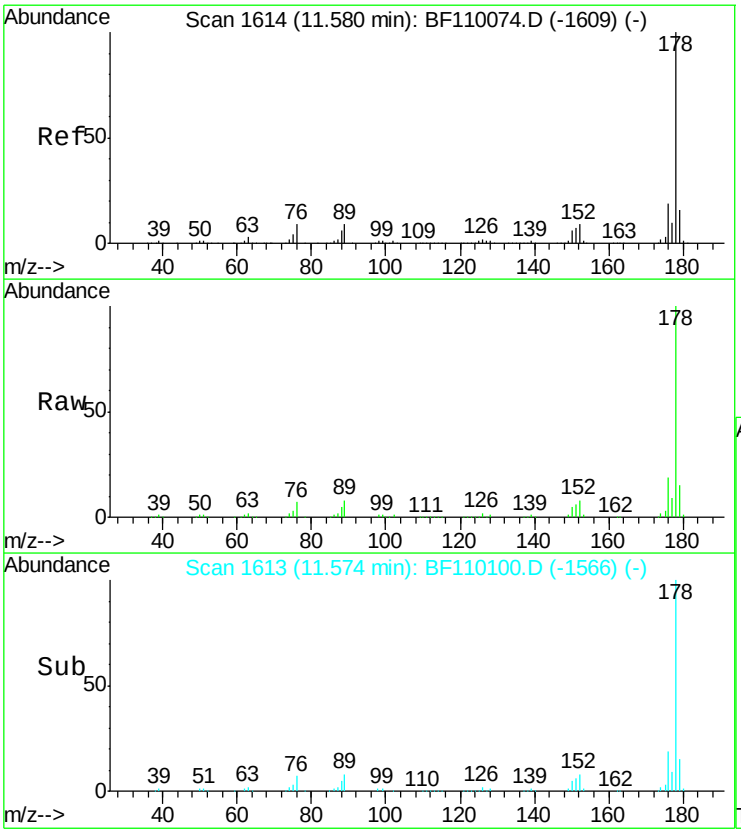
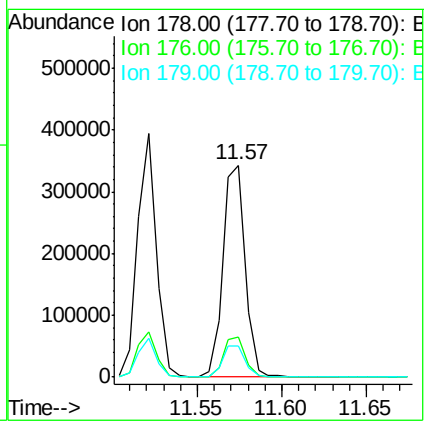
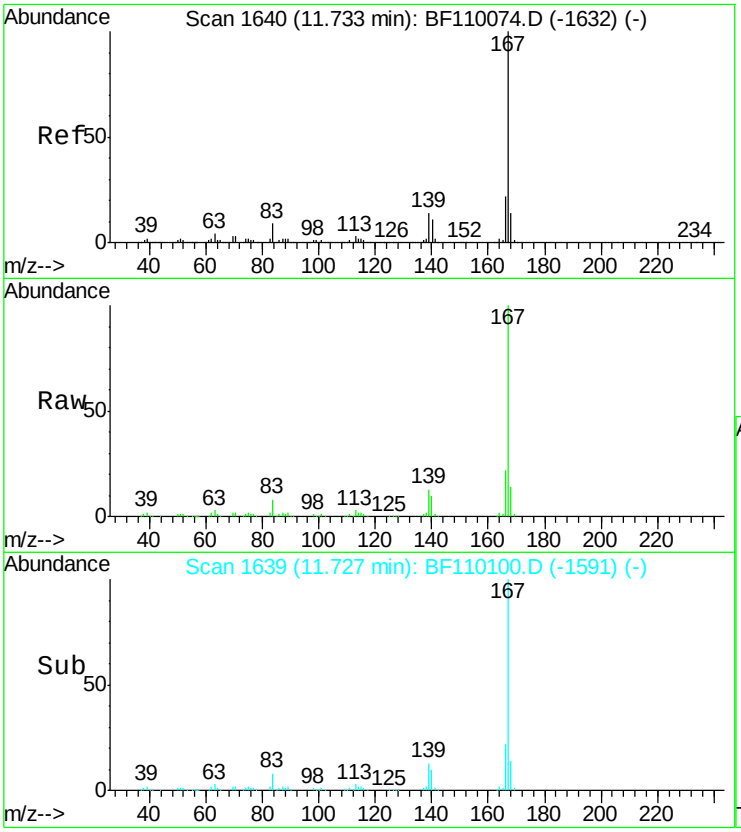


#72
Anthracene
Concen: 9.750 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:178 Resp: 314882

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.0	12.6	18.8

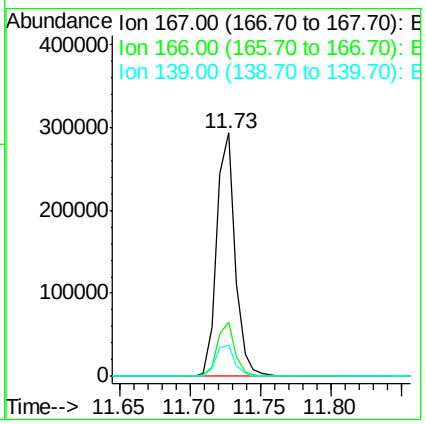




#73
Carbazole
Concen: 8.469 ng
RT: 11.73 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:167 Resp: 267040

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.5	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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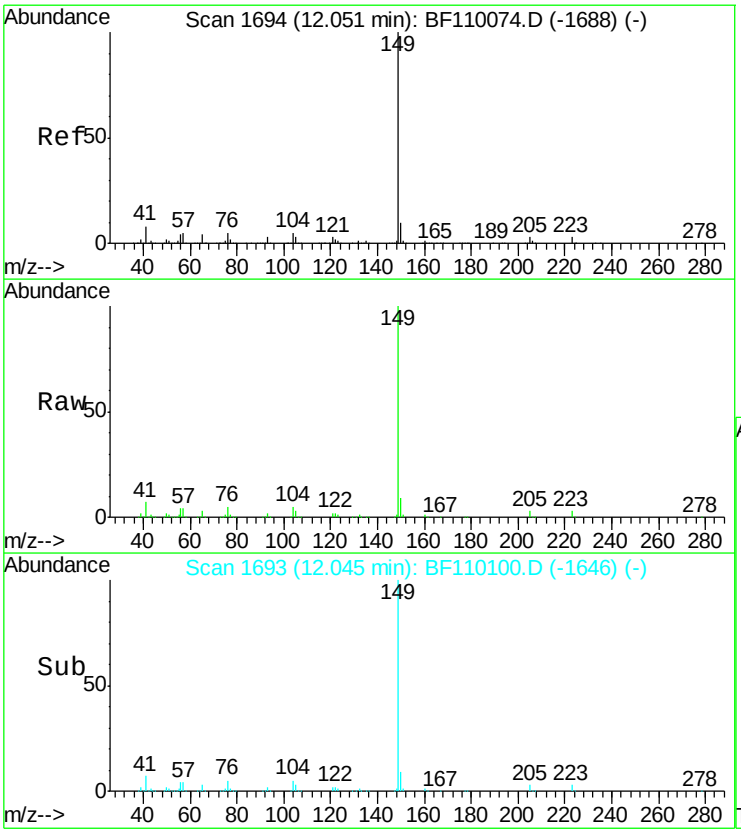
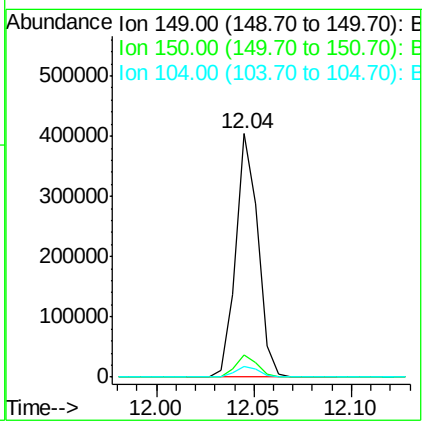
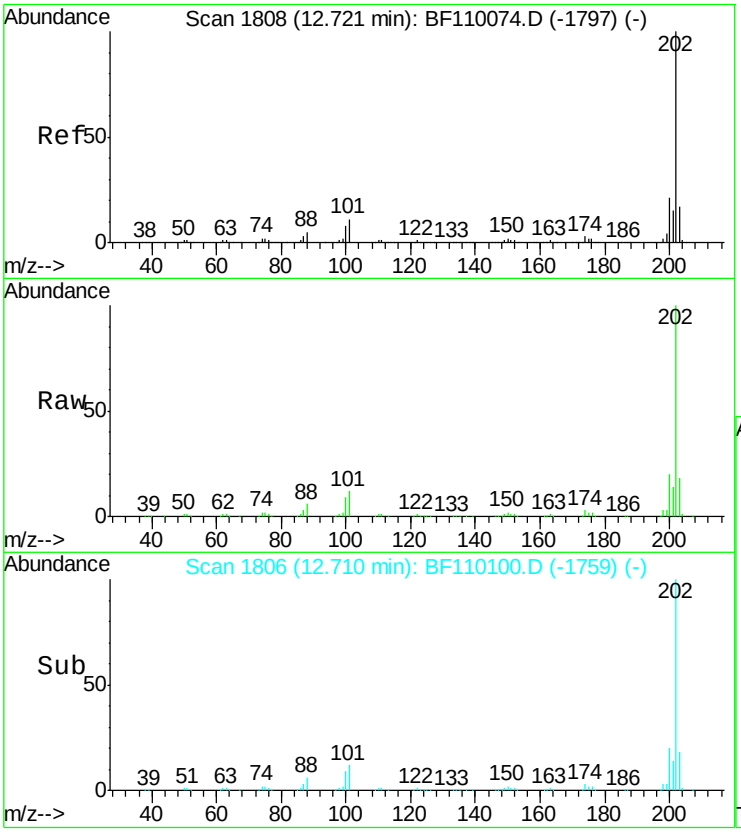


#74
Di-n-butylphthalate
Concen: 8.923 ng
RT: 12.04 min Scan# 1693
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:149 Resp: 317781

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.6	4.2	6.4

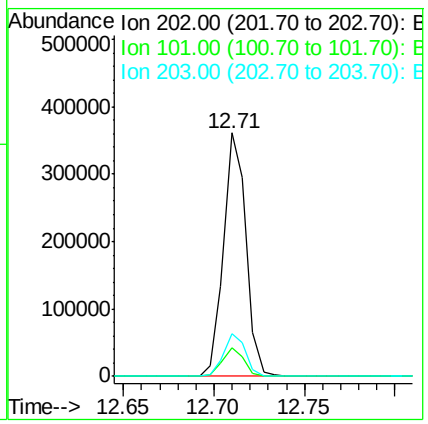




#75
Fluoranthene
Concen: 9.521 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:202 Resp: 311335

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	17.7	0.0	37.7



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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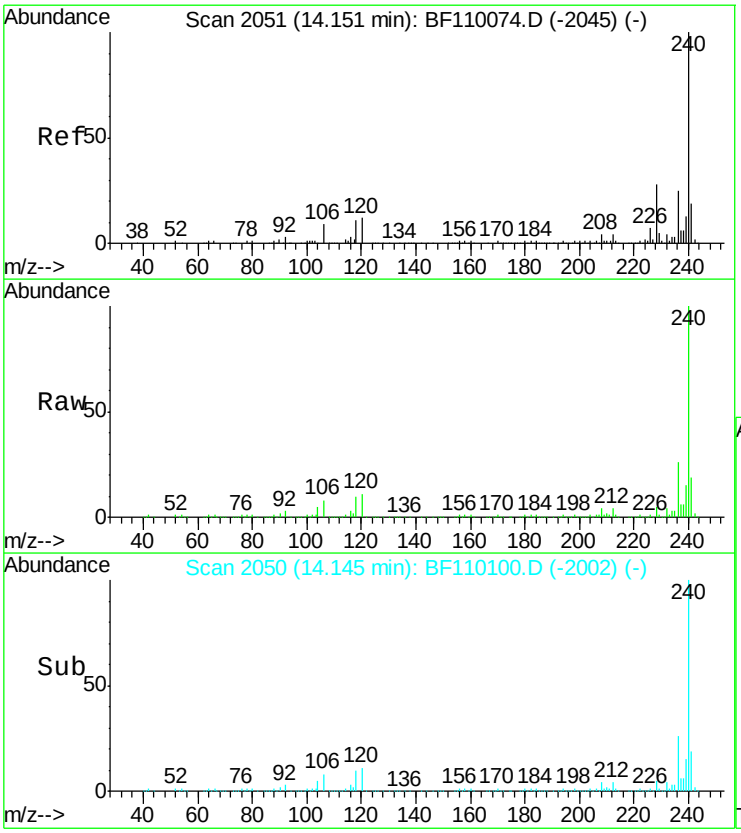
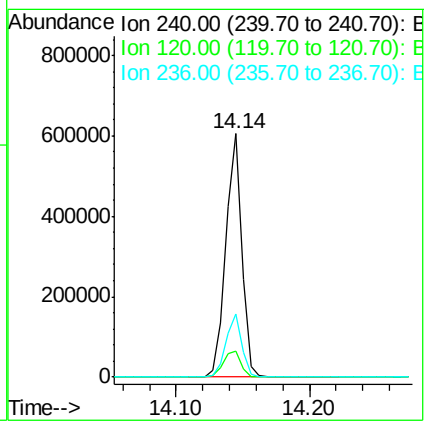
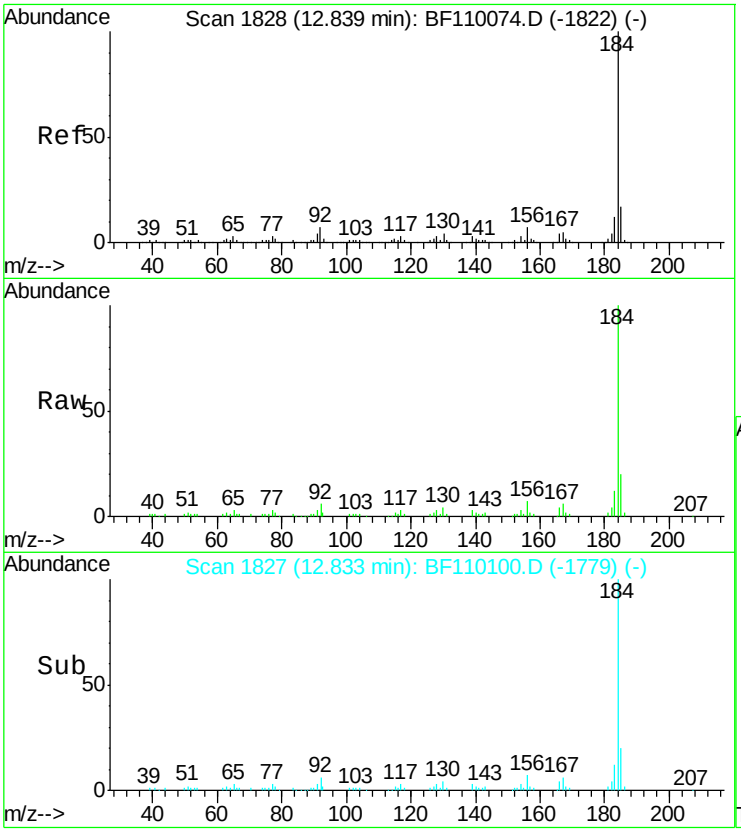


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:240 Resp: 517437

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.8	21.2	31.8

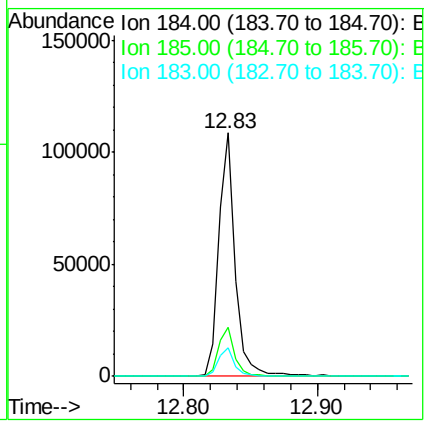




#77
Benzidine
Concen: 4.497 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:184 Resp: 95017

Ion	Ratio	Lower	Upper
184	100		
185	20.1	13.4	20.2
183	11.7	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

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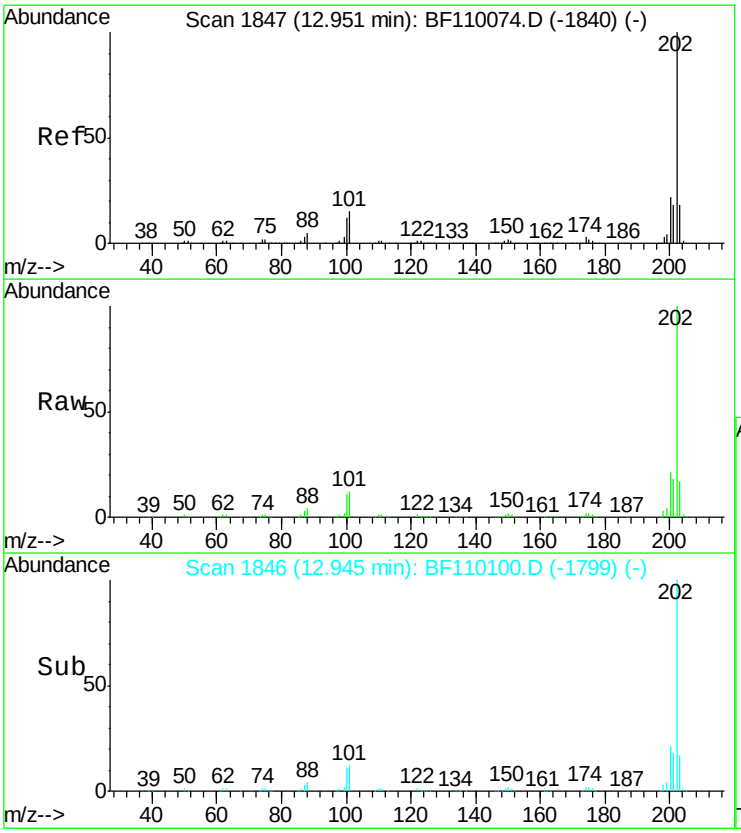
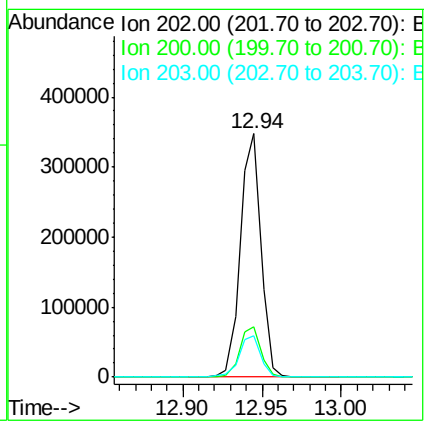
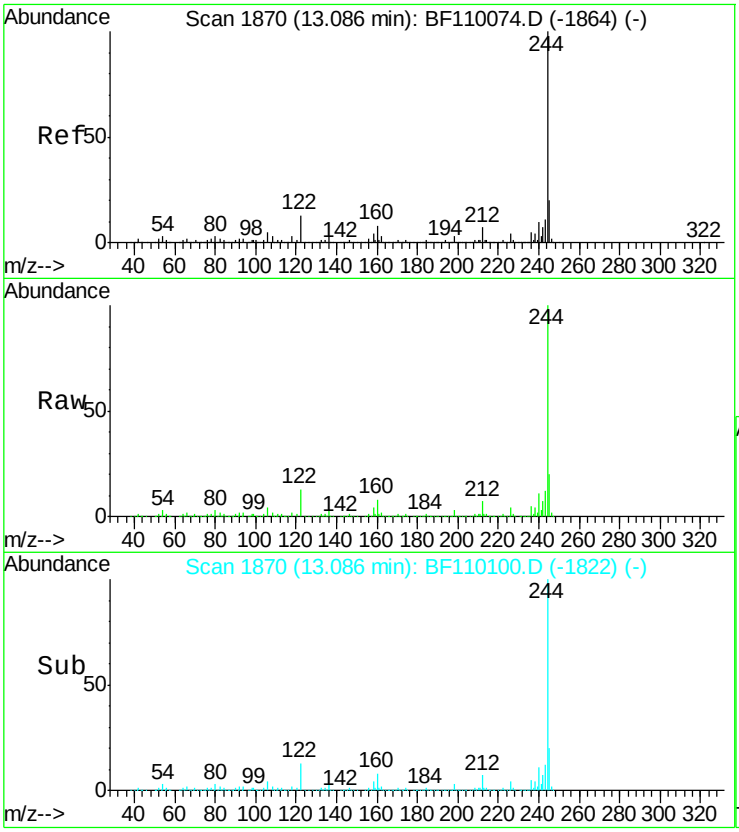


#78
Pyrene
Concen: 8.399 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:202 Resp: 311580

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	17.1	14.2	21.4

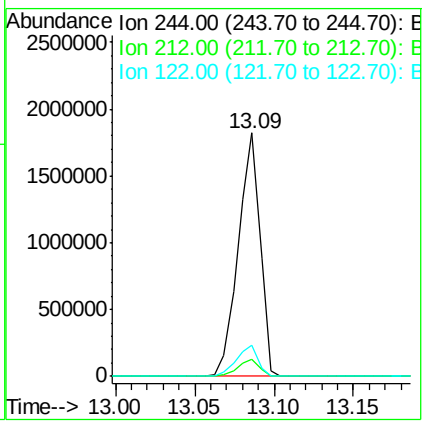




#79
Terphenyl-d14
Concen: 69.361 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:244 Resp: 1725706

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.6	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
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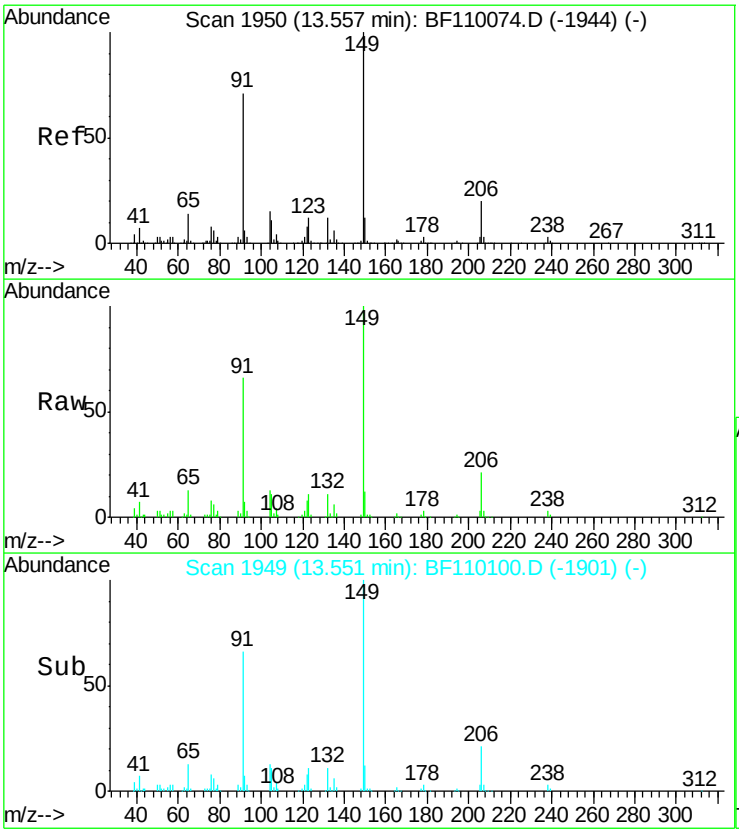
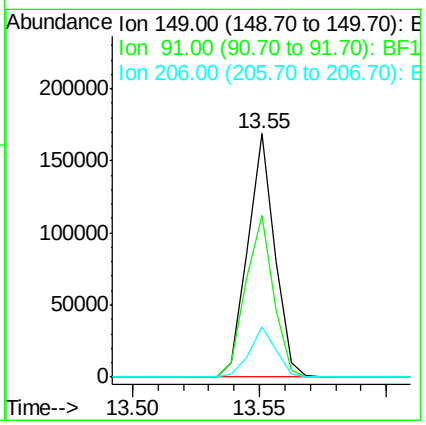
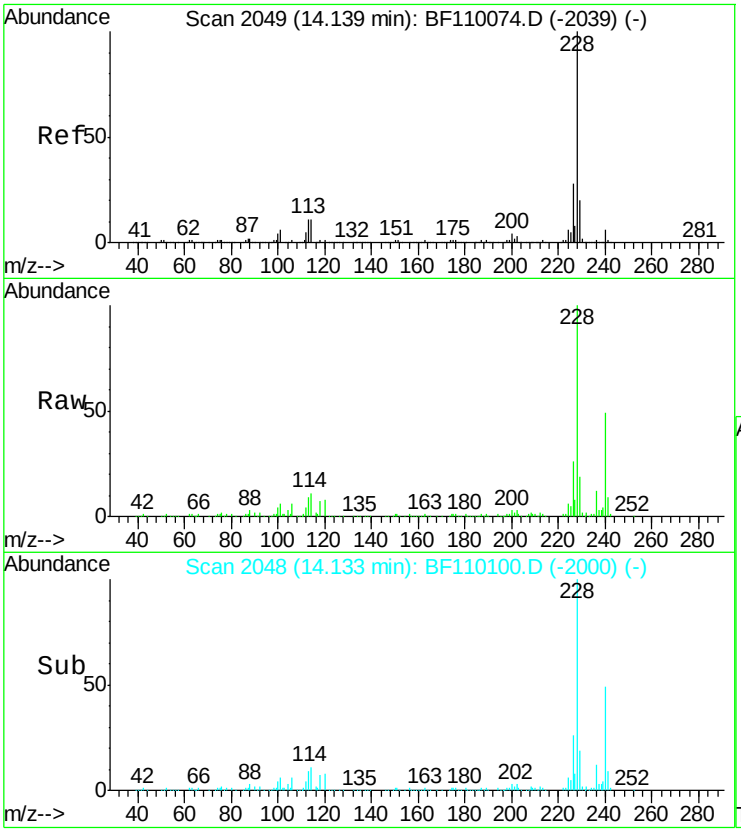


#80
Butylbenzylphthalate
Concen: 7.800 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:149 Resp: 125587

Ion	Ratio	Lower	Upper
149	100		
91	66.4	57.2	85.8
206	20.7	15.7	23.5

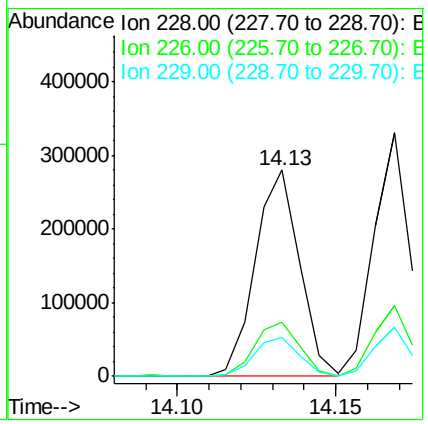




#81
Benzo(a)anthracene
Concen: 8.858 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:228 Resp: 271805

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.1	33.1
229	18.7	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
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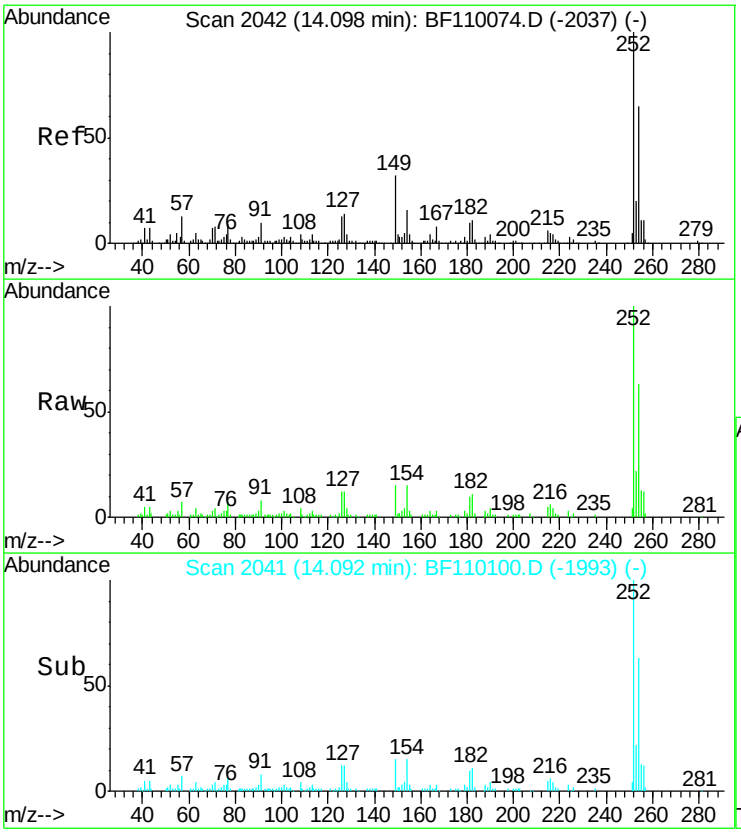
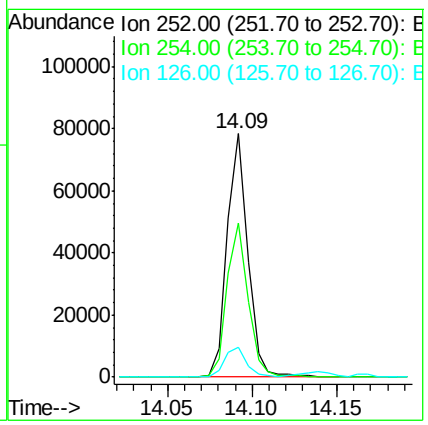
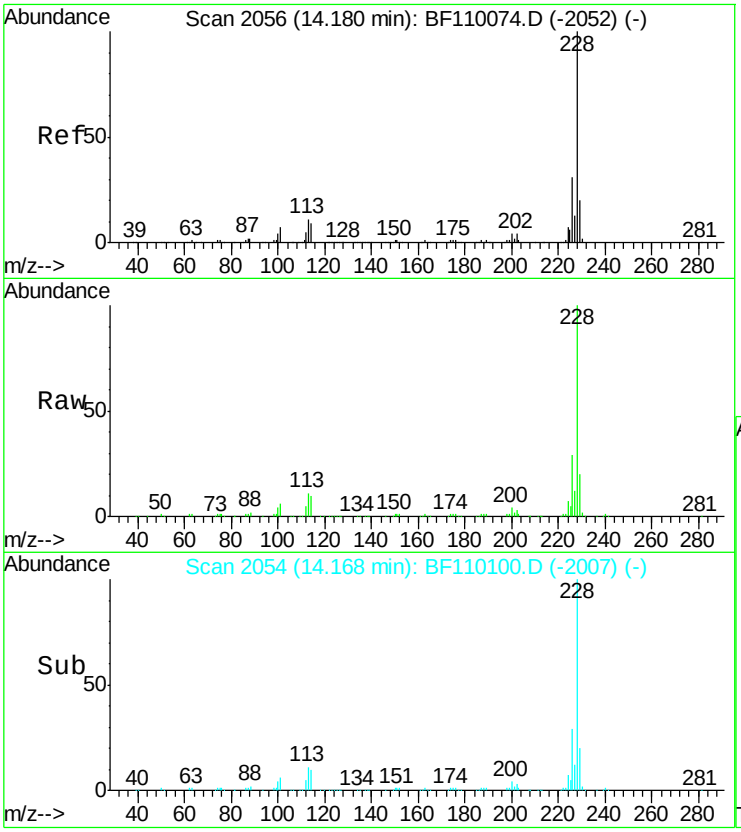


#82
3,3'-Dichlorobenzidine
Concen: 6.227 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:252 Resp: 66539

Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.3	76.9
126	12.0	9.4	14.2





#83
Chrysene
Concen: 8.956 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:228 Resp: 261034

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	20.0	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
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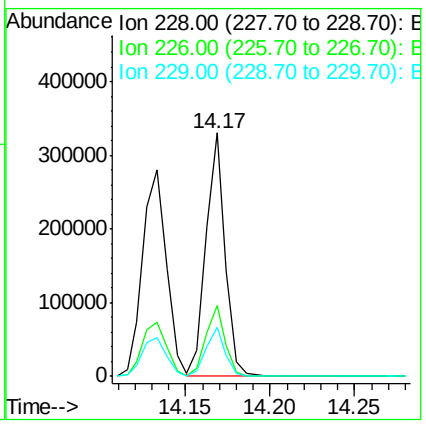
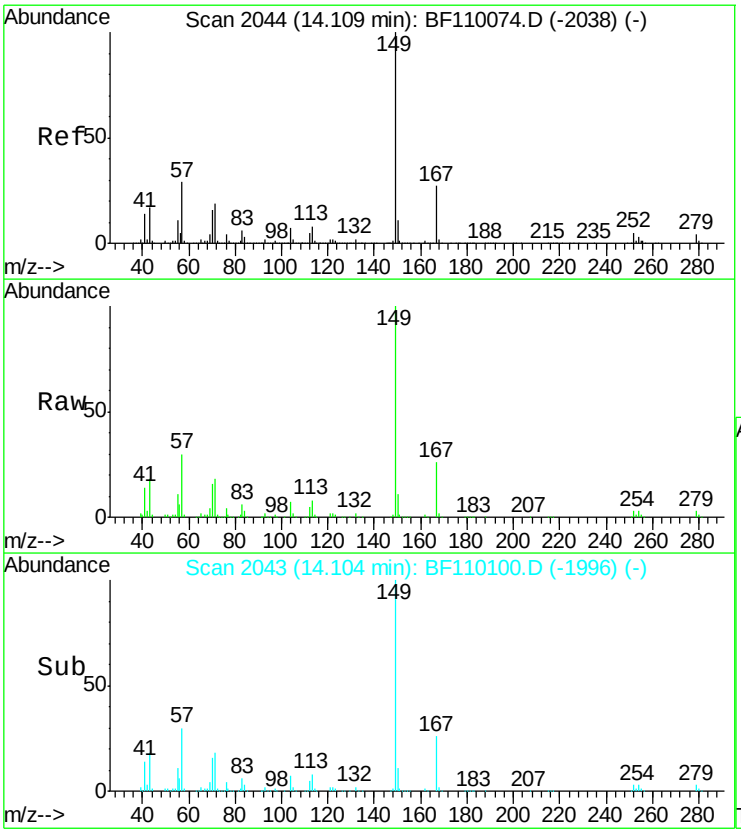
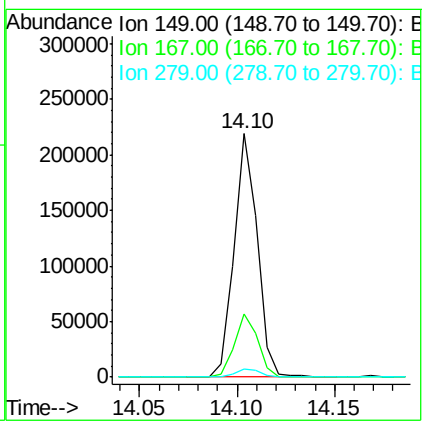


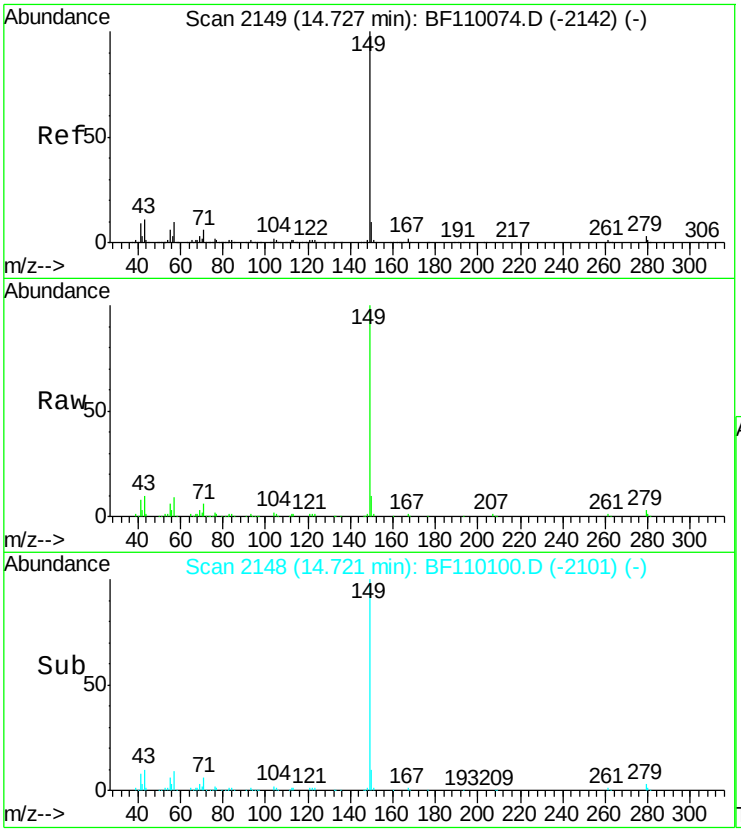


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.271 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:149 Resp: 180024

Ion	Ratio	Lower	Upper
149	100		
167	25.9	19.8	29.8
279	3.3	2.7	4.1





#85
Di-n-octyl phthalate
Concen: 8.383 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:149 Resp: 283700

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.1	7.8	11.8

Instrument :
BNA_F
ClientSampleId :
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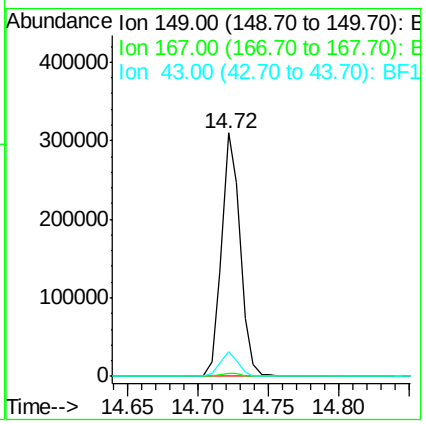
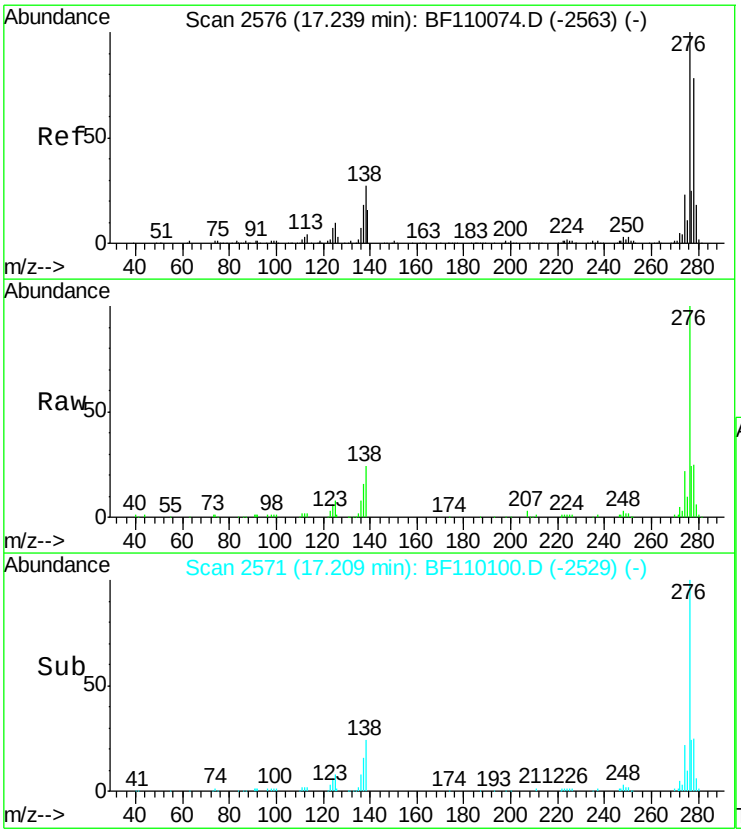
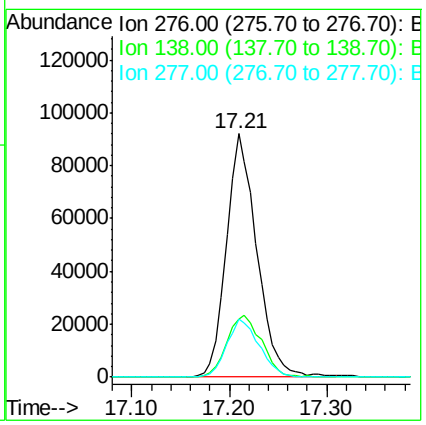


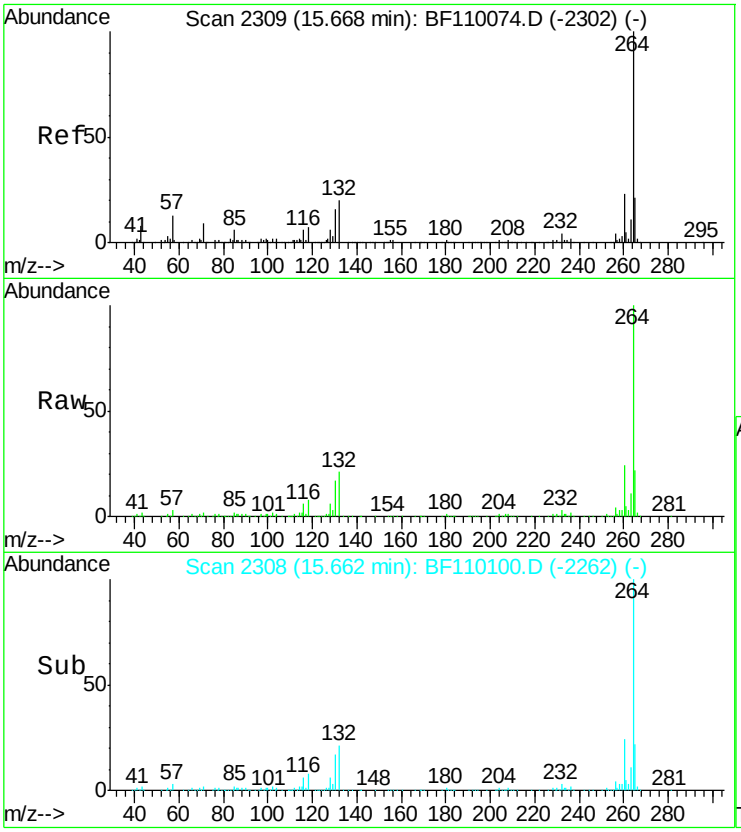


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.273 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.05 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:276 Resp: 200031

Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.5	27.7#
277	25.2	20.0	30.0

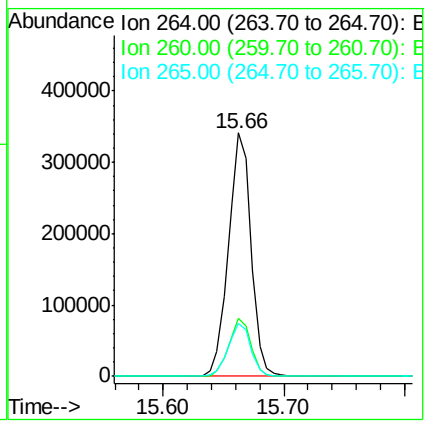




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:264 Resp: 443360

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.7	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
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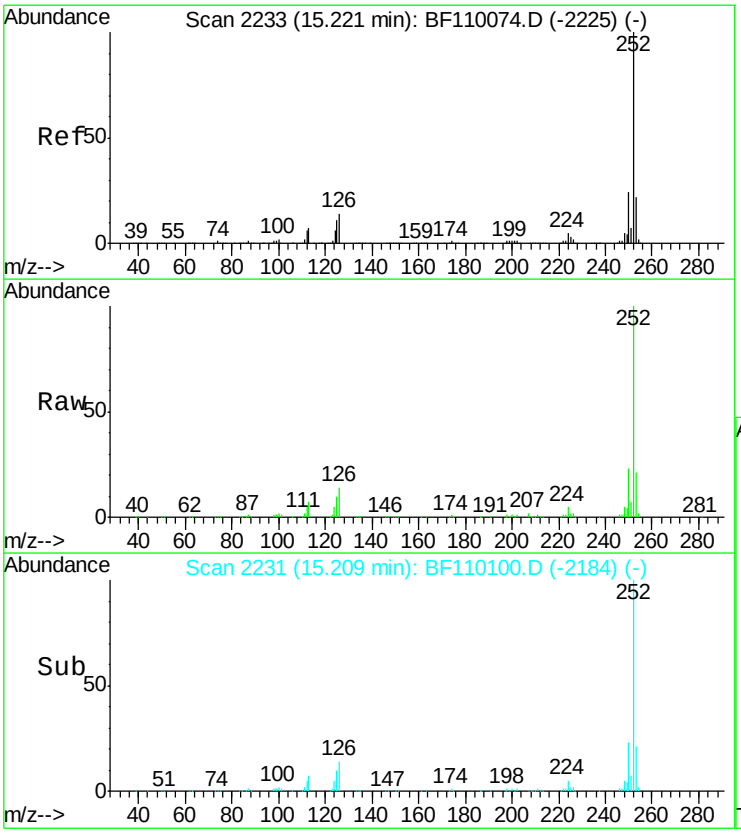
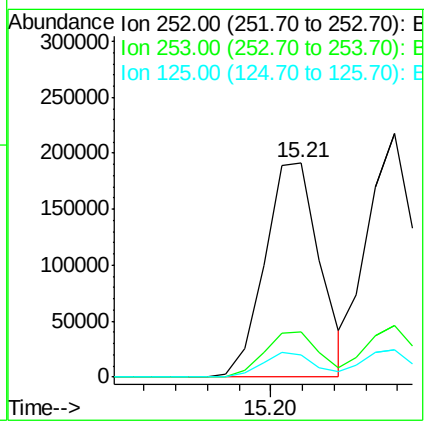
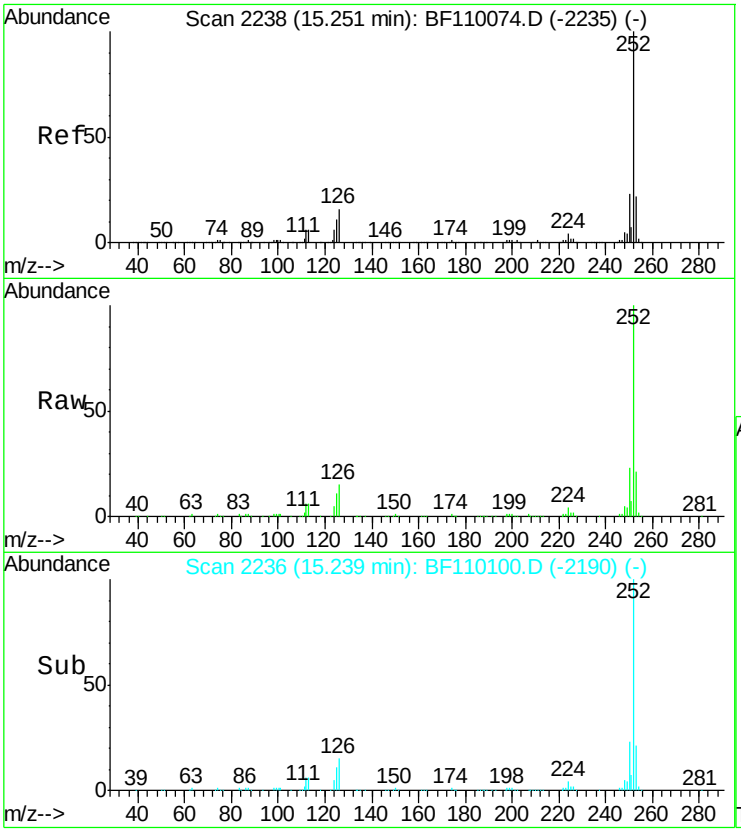


#88
Benzo(b)fluoranthene
Concen: 9.024 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:252 Resp: 231045

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	10.1	8.2	12.4





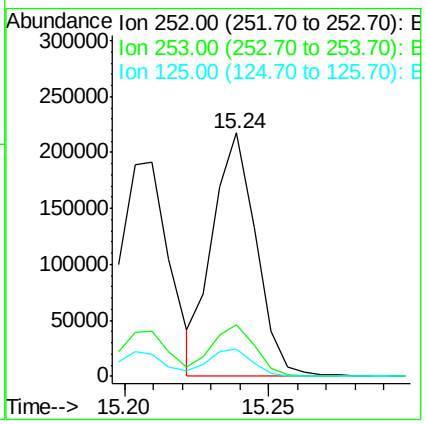
#89
Benzo(k)fluoranthene
Concen: 9.110 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

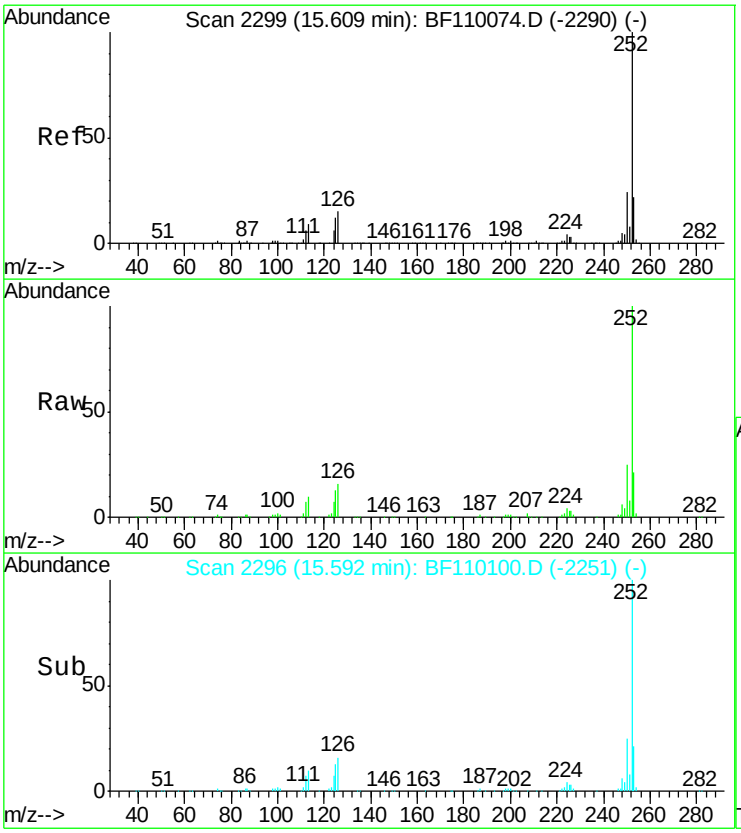
Tgt Ion:252 Resp: 229306

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	11.3	7.4	11.0#

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:20 PM

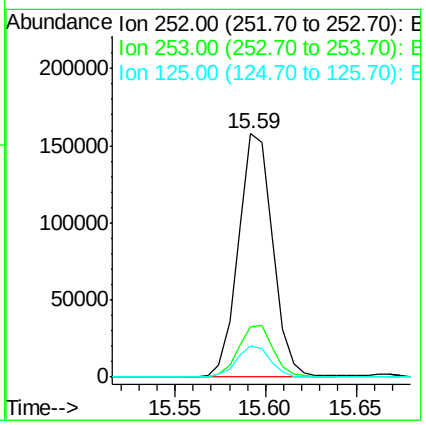


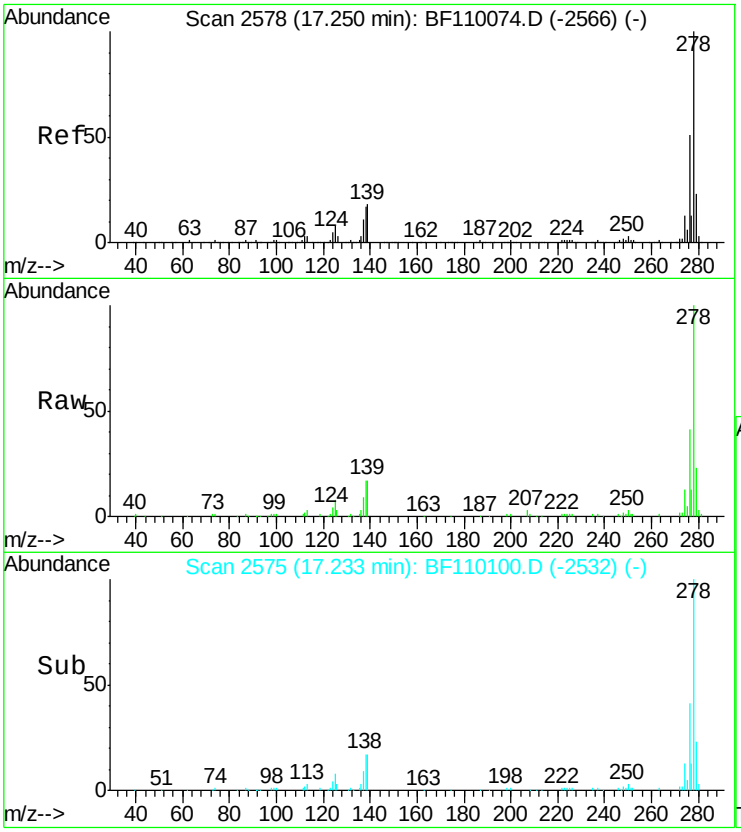


#90
Benzo(a)pyrene
Concen: 8.855 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.04 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:252 Resp: 208601

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.2	27.4
125	13.0	9.0	13.6

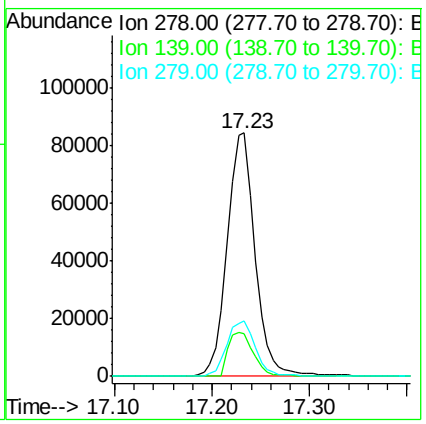




#91
Dibenzo(a,h)anthracene
Concen: 8.275 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.05 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

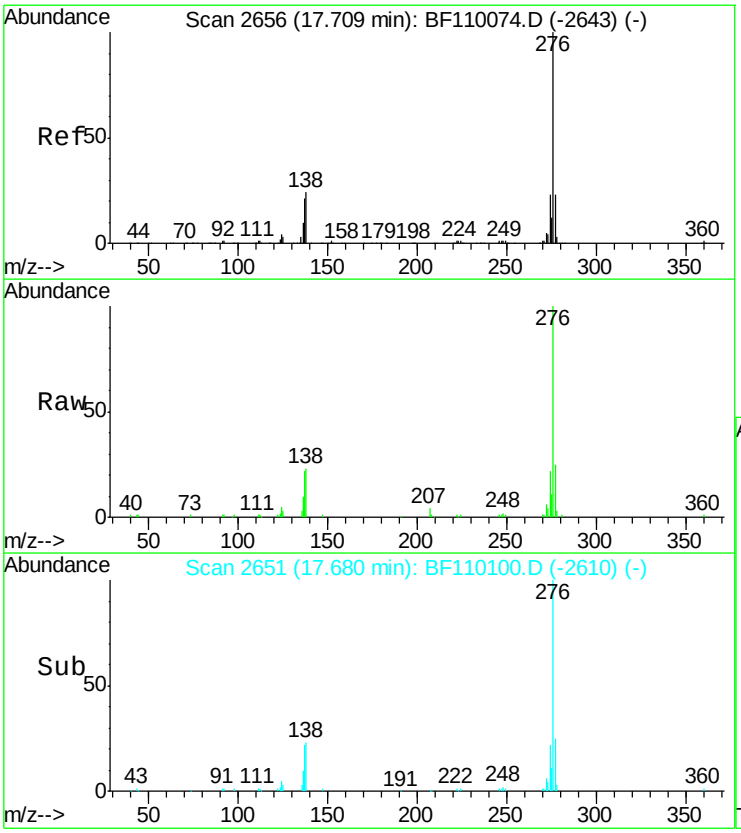
Tgt Ion:278 Resp: 168214

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.7	19.1
279	22.7	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:20 PM



#92
Benzo(g,h,i)perylene
Concen: 8.042 ng
RT: 17.68 min Scan# 2651
Delta R.T. -0.06 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:276 Resp: 161088

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	23.1	16.0	24.0