Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
Data File : BM016049.D
Acq On : 24 Jul 2018 05:26
Operator : SJ/JU
Sample : J3762-09
Misc : MDL 1 PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2018

Quant Time: Jul 24 06:13:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	43043	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	162838	20.00	ng		0.00
38) Acenaphthene-d10	14.85	164	84559	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	181934	20.00	ng		0.00
75) Chrysene-d12	21.70	240	189523	20.00	ng		0.00
86) Perylene-d12	24.07	264	197816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	327839	126.52	ng		0.00
7) Phenol-d6	7.38	99	399182	117.96	ng		0.00
23) Nitrobenzene-d5	9.41	82	307514	87.84	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	136558	127.33	ng		0.00
44) 2-Fluorobiphenyl	13.47	172	615265	88.53	ng		0.00
78) Terphenyl-d14	20.15	244	1120612	123.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	778	0.641	ng	#	100
6) Aniline	7.57	93	1683	0.432	ng	#	80
8) 2-Chlorophenol	7.79	128	2219	0.721	ng	#	41
9) Benzaldehyde	7.38	77	1045	0.440	ng	#	2
10) Phenol	7.41	94	2731	0.807	ng	#	13
11) bis(2-Chloroethyl)ether	7.66	93	1451	0.543	ng	#	58
12) 1,3-Dichlorobenzene	8.13	146	3087	0.856	ng	#	80
13) 1,4-Dichlorobenzene	8.26	146	2811	0.769	ng		93
14) 1,2-Dichlorobenzene	8.59	146	2984	0.834	ng		95
15) Benzyl Alcohol	8.55	79	5984	2.221	ng	#	40
16) 2,2'-oxybis(1-Chloropropan	8.76	45	3019	0.738	ng	#	47
17) 2-Methylphenol	8.73	107	716	0.310	ng	#	66
18) Hexachloroethane	9.31	117	1186	0.750	ng		95
19) n-Nitroso-di-n-propylamine	9.05	70	1392	0.563	ng	#	85
22) Acetophenone	9.11	105	2726	0.665	ng	#	61
24) Nitrobenzene	9.46	77	3499	0.993	ng	#	82
25) Isophorone	9.99	82	4227	0.883	ng	#	62
27) 2,4-Dimethylphenol	10.25	122	1165	0.568	ng	#	93
28) bis(2-Chloroethoxy)methane	10.47	93	1719	0.552	ng	#	50
30) 1,2,4-Trichlorobenzene	10.92	180	2347	0.793	ng		88
31) Naphthalene	11.10	128	7246	0.879	ng	#	92
34) Hexachlorobutadiene	11.36	225	1539	0.750	ng	#	76
36) 4-Chloro-3-methylphenol	12.37	107	435	0.162	ng	#	14
37) 2-Methylnaphthalene	12.71	142	4974	0.901	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	2374	0.825	ng	#	100
42) 2,4,6-Trichlorophenol	13.32	196	754	0.419	ng	#	79
43) 2,4,5-Trichlorophenol	13.32	196	754	0.406	ng	#	69
45) 1,1'-Biphenyl	13.70	154	7249	0.950	ng		91
46) 2-Chloronaphthalene	13.75	162	4932	0.831	ng	#	84
48) Acenaphthylene	14.59	152	7034	0.810	ng	#	93
49) Dimethylphthalate	14.31	163	6184	0.836	ng	#	97
50) 2,6-Dinitrotoluene	14.45	165	779	0.523	ng	#	62
51) Acenaphthene	14.92	154	4594	0.860	ng	#	81
54) Dibenzofuran	15.26	168	7537	0.856	ng		90

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
Data File : BM016049.D
Acq On : 24 Jul 2018 05:26
Operator : SJ/JU
Sample : J3762-09
Misc : MDL 1 PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2018

Quant Time: Jul 24 06:13:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 2,4-Dinitrotoluene	15.27	165	462	0.217	ng	#	88
57) Fluorene	15.90	166	5499	0.840	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	1003	0.628	ng	#	100
59) Diethylphthalate	15.65	149	6148	0.771	ng		96
60) 4-Chlorophenyl-phenylether	15.89	204	2856	0.784	ng	#	68
62) Azobenzene	16.17	77	4835	0.576	ng	#	77
65) n-Nitrosodiphenylamine	16.10	169	4534	0.757	ng	#	89
66) 4-Bromophenyl-phenylether	16.78	248	1380	0.670	ng	#	62
67) Hexachlorobenzene	16.89	284	1865	0.822	ng	#	70
68) Atrazine	17.03	200	1388	0.646	ng	#	81
69) Pentachlorophenol	17.25	266	336	0.239	ng	#	19
70) Phenanthrene	17.63	178	9778	0.960	ng	#	91
71) Anthracene	17.73	178	8056	0.814	ng	#	93
72) Carbazole	18.01	167	6284	0.613	ng		96
73) Di-n-butylphthalate	18.51	149	8467	0.663	ng	#	95
74) Fluoranthene	19.62	202	9578	0.843	ng		98
76) Benzidine	19.83	184	712	0.134	ng	#	68
77) Pyrene	19.97	202	9423	0.830	ng		98
79) Butylbenzylphthalate	20.82	149	4013	0.696	ng	#	80
80) Benzo(a)anthracene	21.69	228	11181	0.958	ng		92
81) 3,3'-Dichlorobenzidine	21.62	252	3252	0.692	ng	#	82
82) Chrysene	21.74	228	10412	0.930	ng		92
83) Bis(2-ethylhexyl)phthalate	21.57	149	5879	0.703	ng	#	93
84) Di-n-octyl phthalate	22.48	149	9903	0.705	ng	#	59
85) Indeno(1,2,3-cd)pyrene	26.51	276	12188	0.917	ng		97
87) Benzo(b)fluoranthene	23.36	252	11239	0.965	ng	#	93
88) Benzo(k)fluoranthene	23.40	252	12537	1.062	ng	#	78
89) Benzo(a)pyrene	23.97	252	11572	1.034	ng		97
90) Dibenzo(a,h)anthracene	26.51	278	10123	0.873	ng		98
91) Benzo(g,h,i)perylene	27.28	276	10559	0.962	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
Data File : BM016049.D
Acq On : 24 Jul 2018 05:26
Operator : SJ/JU
Sample : J3762-09
Misc : MDL 1 PPM
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Instrument :
BNA_M
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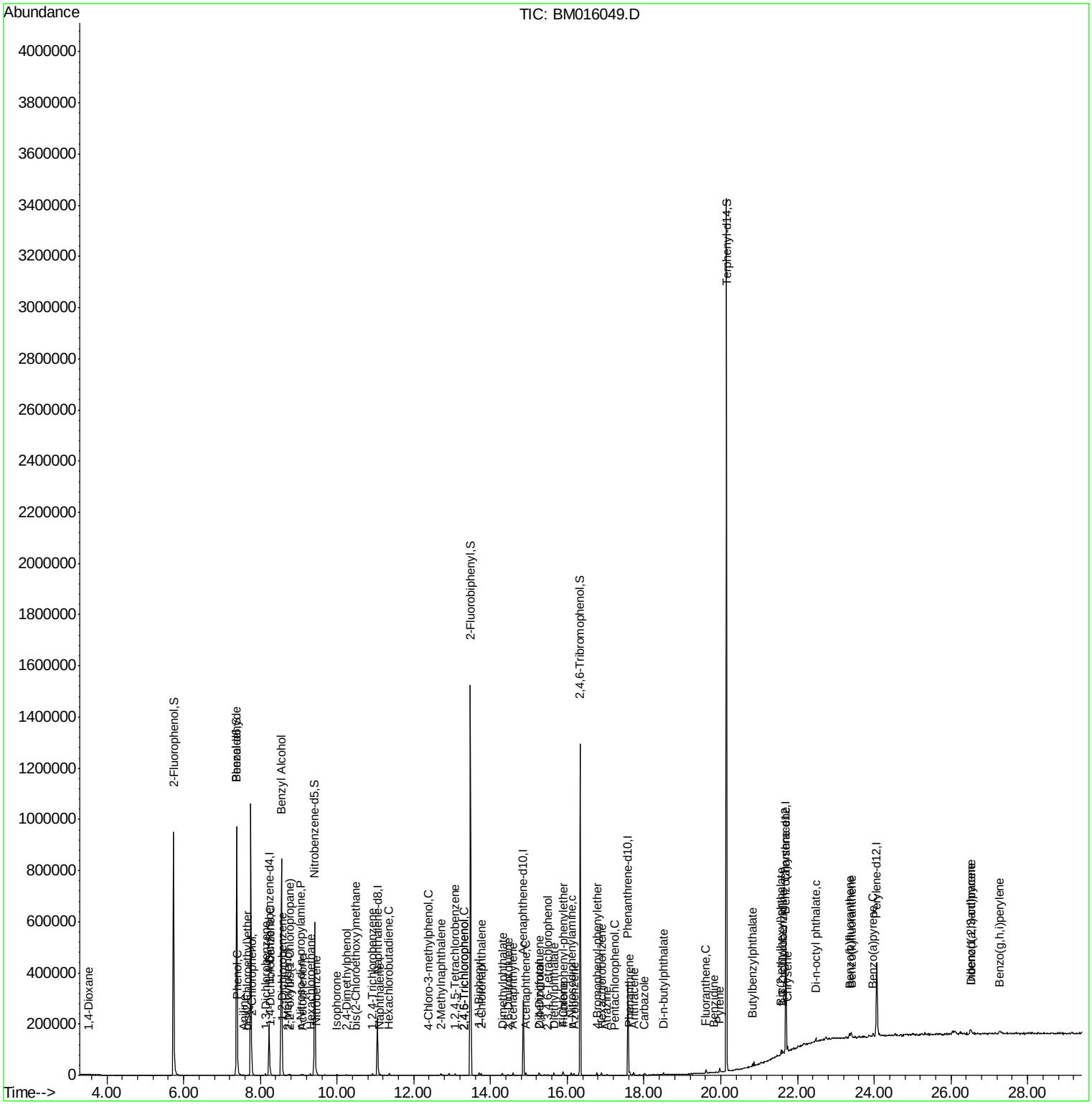
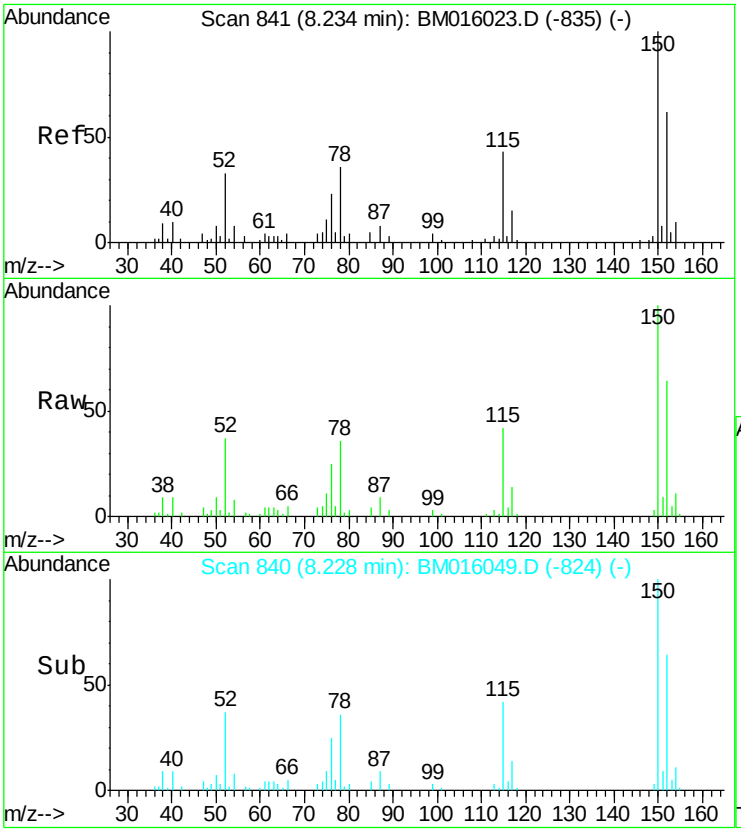
MDL-WATER-03-QT3-2018

Quant Time: Jul 24 06:13:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration



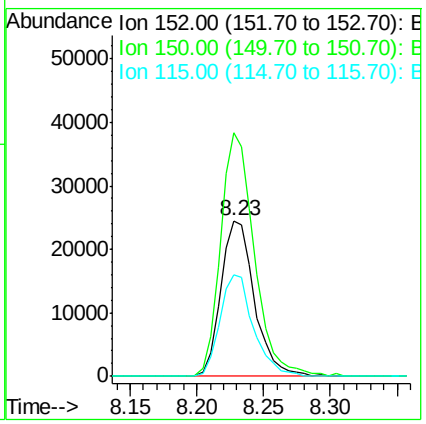


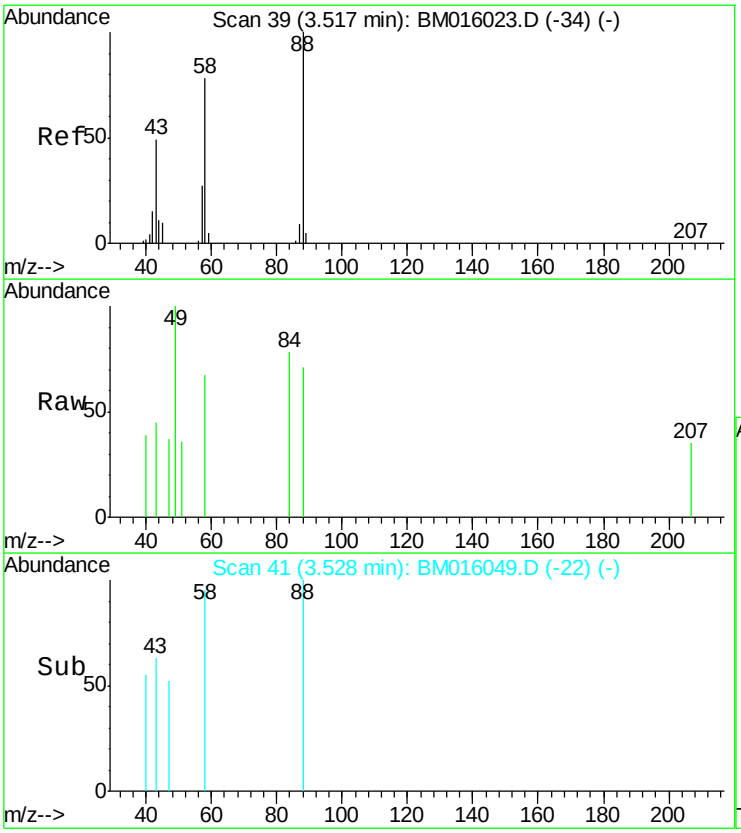
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:152 Resp: 43043

Ion	Ratio	Lower	Upper
152	100		
150	156.3	119.5	179.3
115	65.0	43.0	64.4#

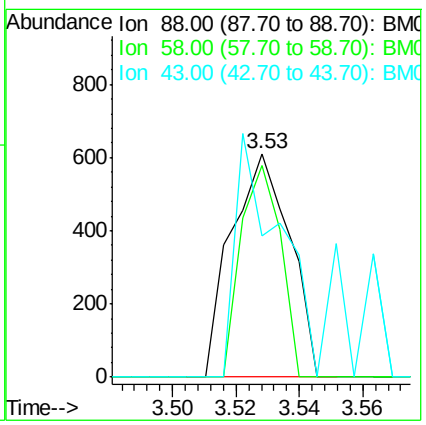


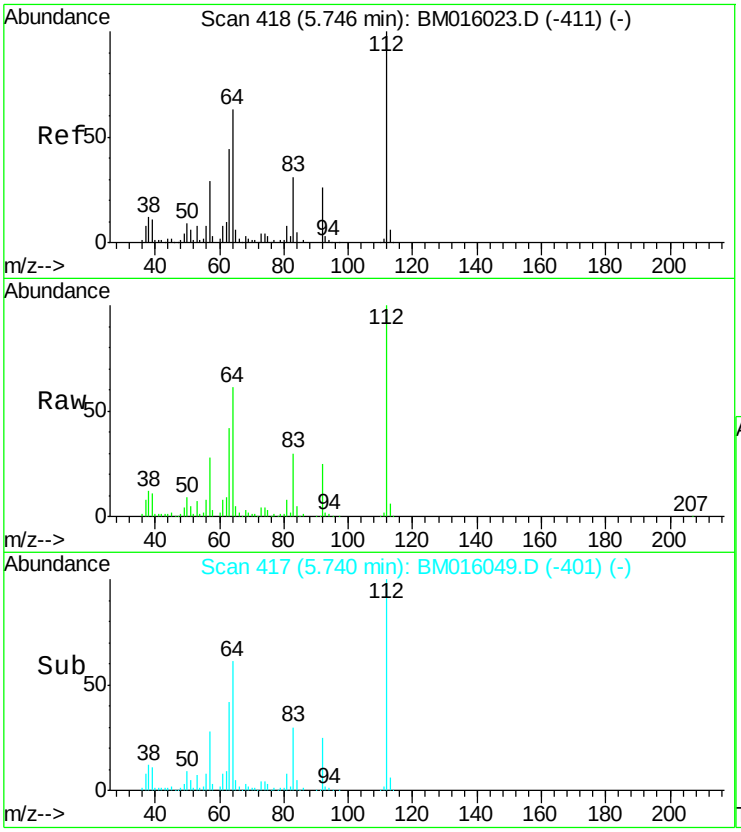


#2
1,4-Dioxane
Concen: 0.641 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion: 88 Resp: 778

Ion	Ratio	Lower	Upper
88	100		
58	64.3	0.0	0.0#
43	82.1	0.0	0.0#



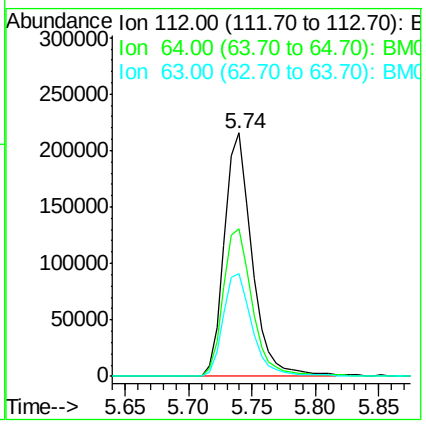


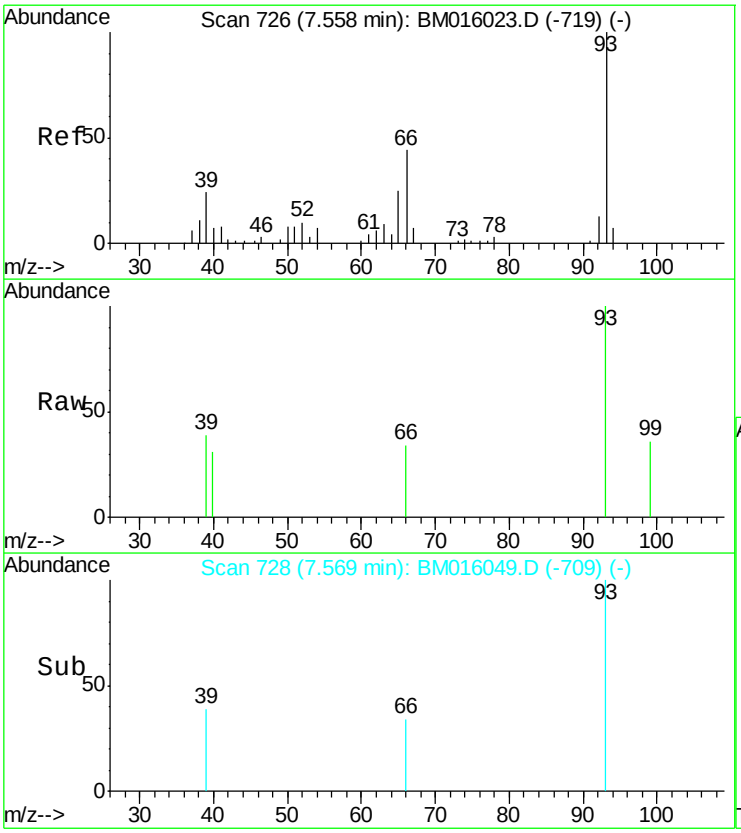
#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.74 min Scan# 417
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:112 Resp: 327839

Ion	Ratio	Lower	Upper
112	100		
64	60.6	38.6	57.8#
63	42.0	19.3	28.9#

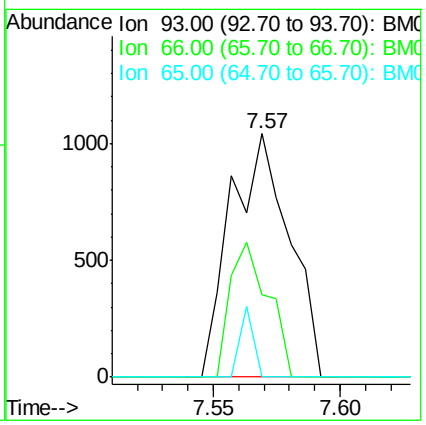


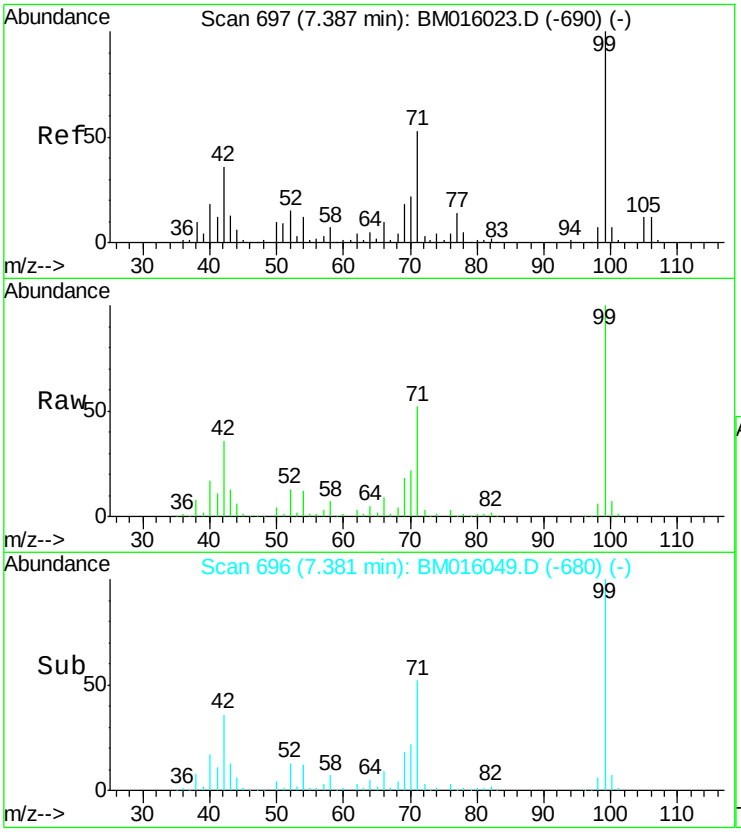


#6
Aniline
Concen: 0.432 ng
RT: 7.57 min Scan# 728
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion: 93 Resp: 1683

Ion	Ratio	Lower	Upper
93	100		
66	33.6	30.8	46.2
65	0.0	16.0	24.0#



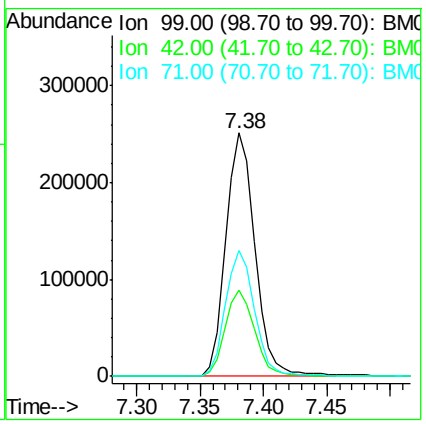


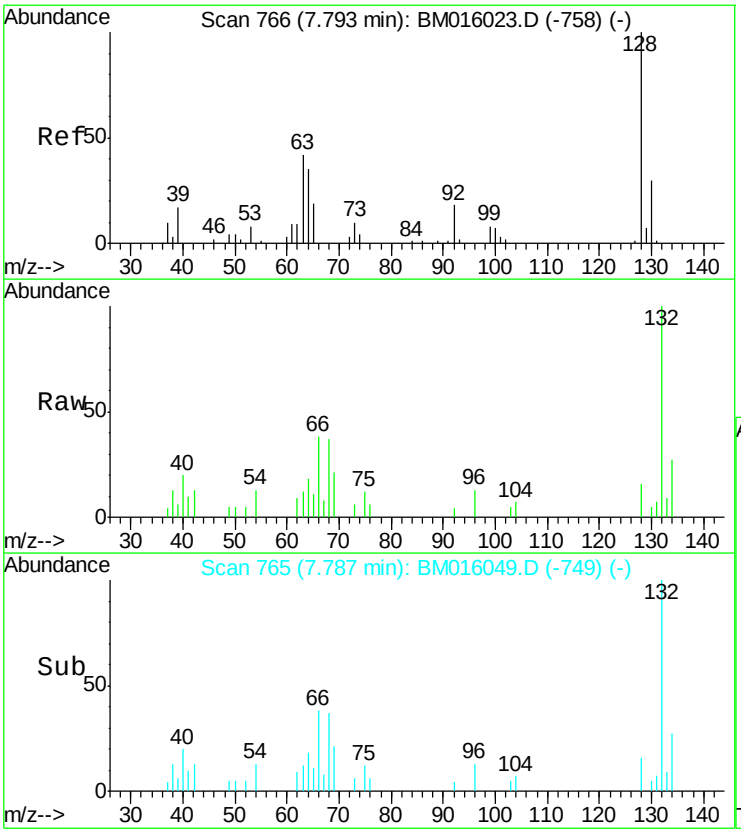
#7
Phenol-d6
Concen: 0.432 ng
RT: 7.38 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 99 Resp: 399182

Ion	Ratio	Lower	Upper
99	100		
42	35.5	11.0	16.4#
71	51.9	23.4	35.2#

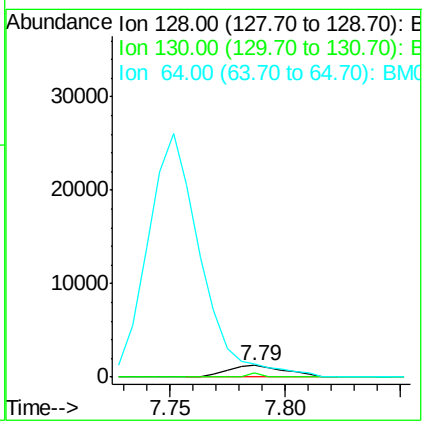


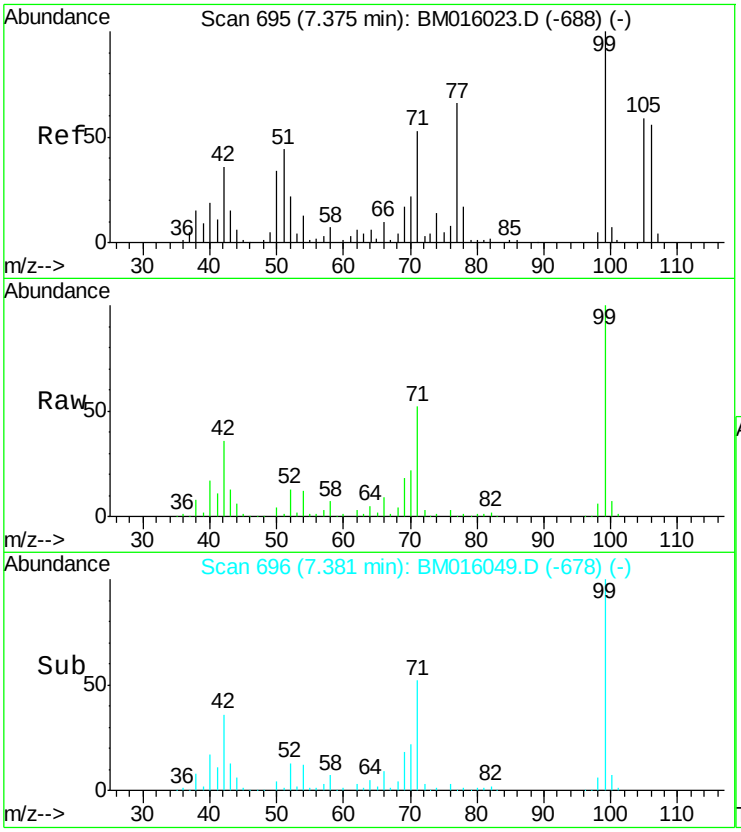


#8
2-Chlorophenol
Concen: 0.721 ng
RT: 7.79 min Scan# 765
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:128 Resp: 2219

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.0	52.0
64	111.0	24.9	64.9#



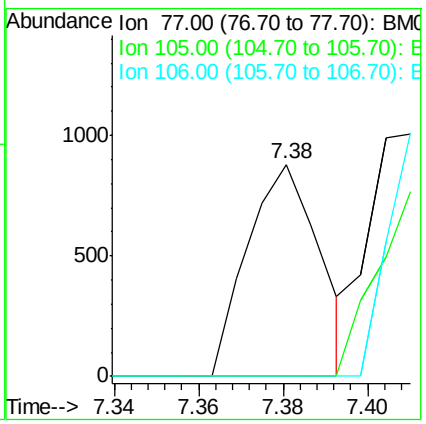


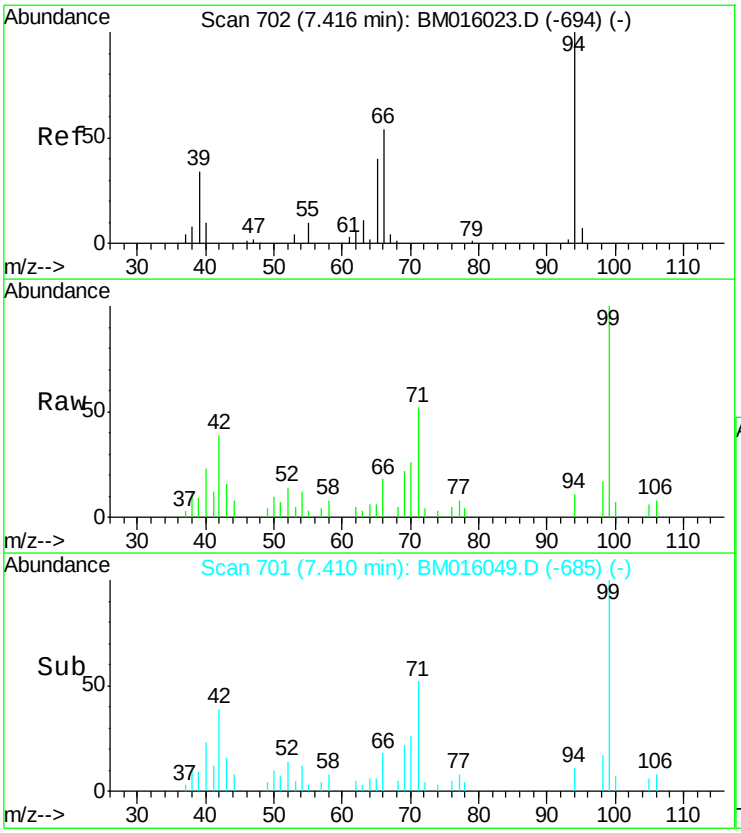
#9
Benzaldehyde
Concen: 0.440 ng
RT: 7.38 min Scan# 696
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 77 Resp: 1045

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.8	118.8#
106	0.0	73.7	113.7#

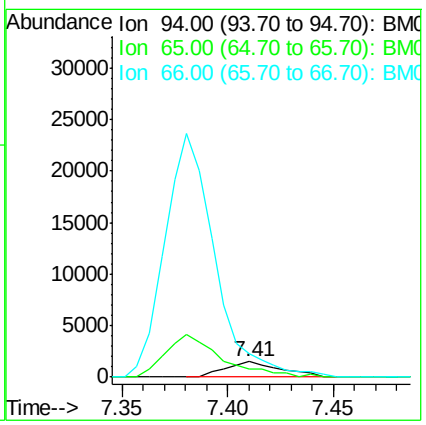


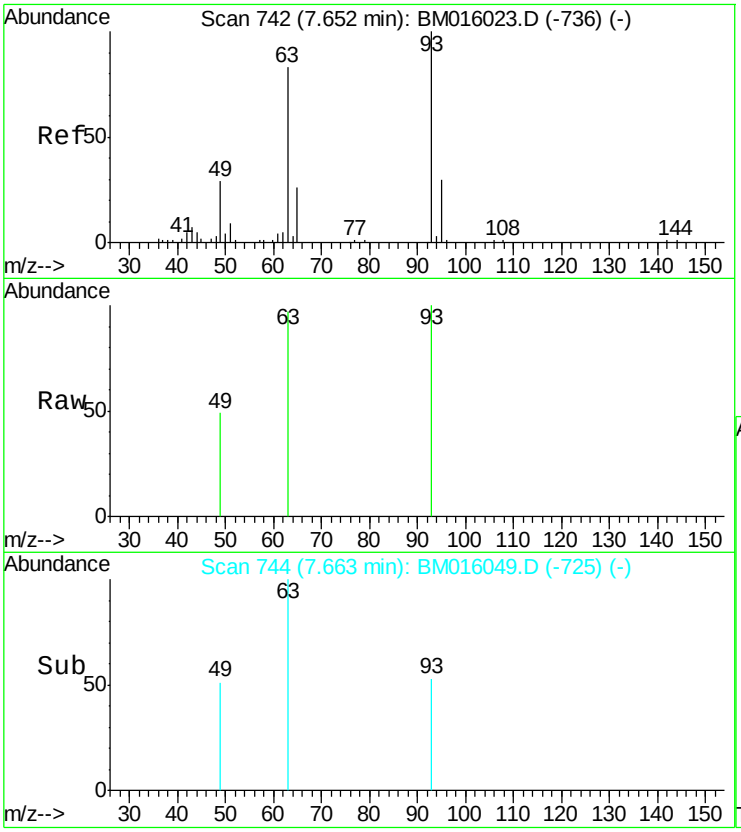


#10
Phenol
Concen: 0.807 ng
RT: 7.41 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion: 94 Resp: 2731

Ion	Ratio	Lower	Upper
94	100		
65	54.4	18.8	58.8
66	155.1	39.9	79.9#



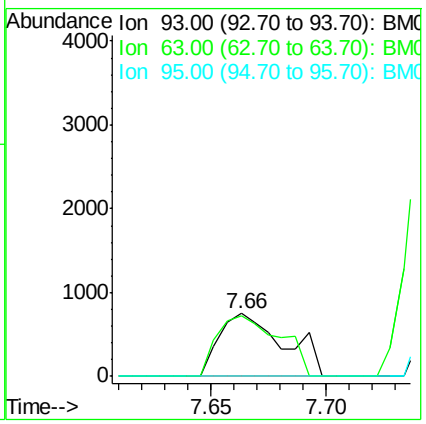


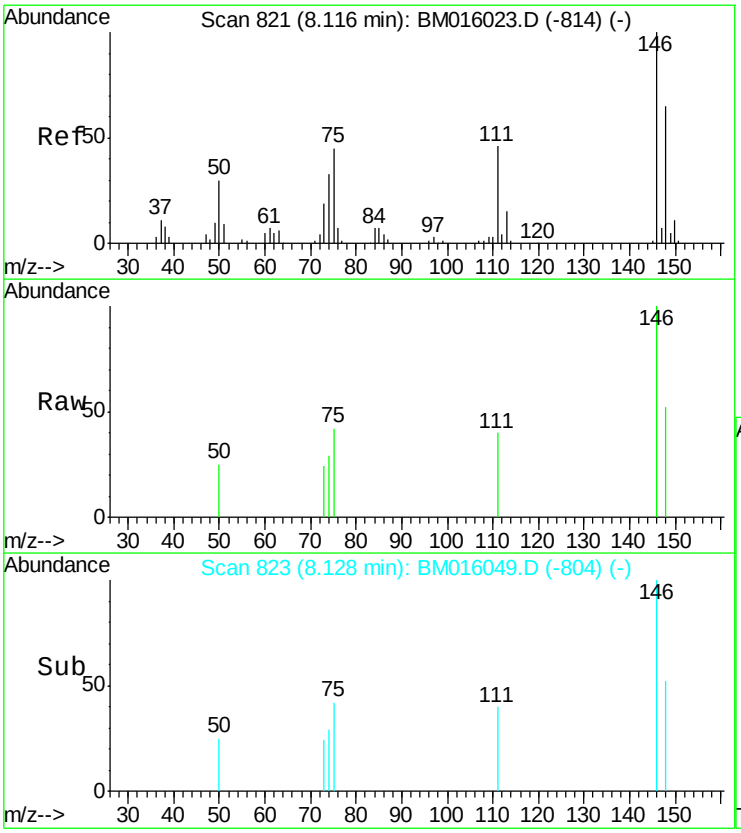
#11
bis(2-Chloroethyl)ether
Concen: 0.543 ng
RT: 7.66 min Scan# 744
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 93 Resp: 1451

Ion	Ratio	Lower	Upper
93	100		
63	97.1	49.5	89.5#
95	0.0	13.5	53.5#

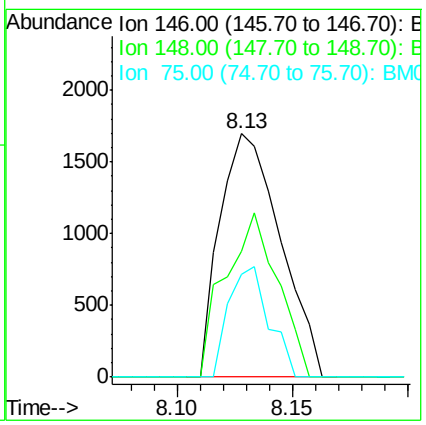


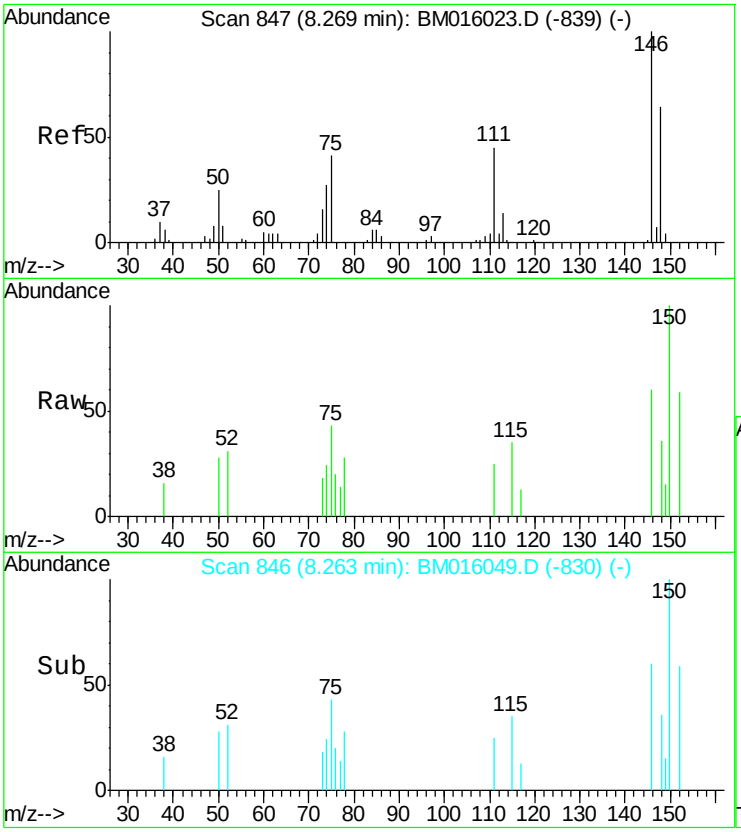


#12
1,3-Dichlorobenzene
Concen: 0.856 ng
RT: 8.13 min Scan# 823
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:146 Resp: 3087

Ion	Ratio	Lower	Upper
146	100		
148	51.7	50.9	76.3
75	42.2	21.4	32.2#



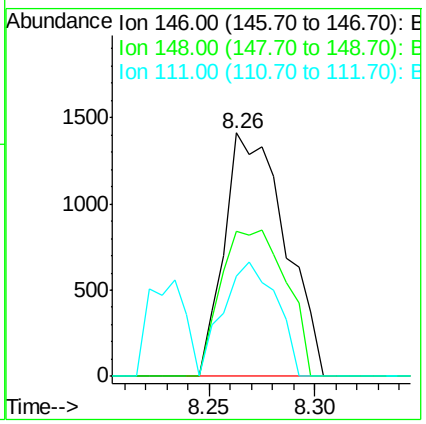


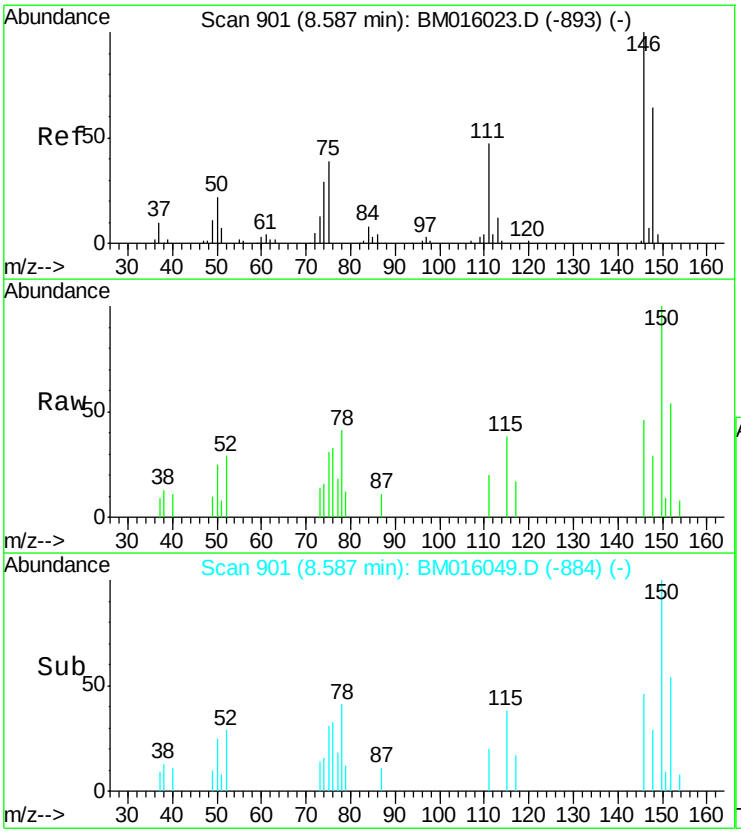
#13
1,4-Dichlorobenzene
Concen: 0.769 ng
RT: 8.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:146 Resp: 2811

Ion	Ratio	Lower	Upper
146	100		
148	59.3	51.9	77.9
111	41.0	29.2	43.8

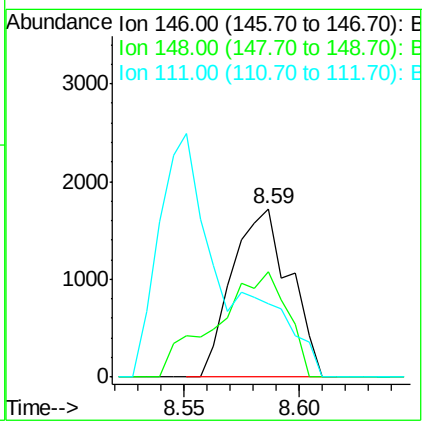


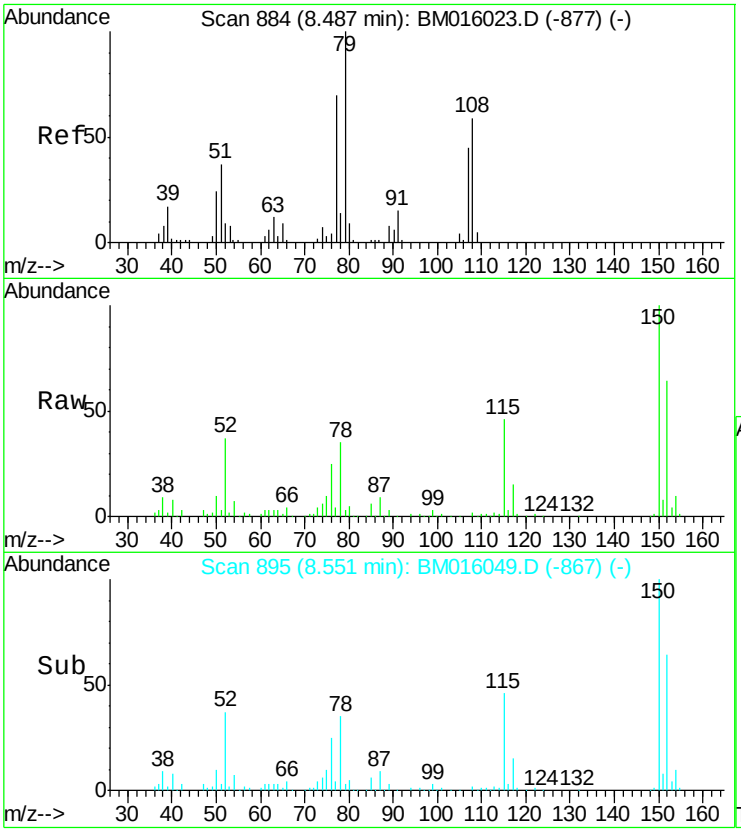


#14
1,2-Dichlorobenzene
Concen: 0.834 ng
RT: 8.59 min Scan# 901
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:146 Resp: 2984

Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.3	78.5
111	43.4	30.6	45.8



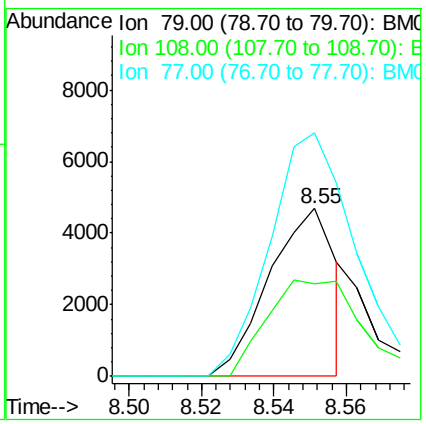


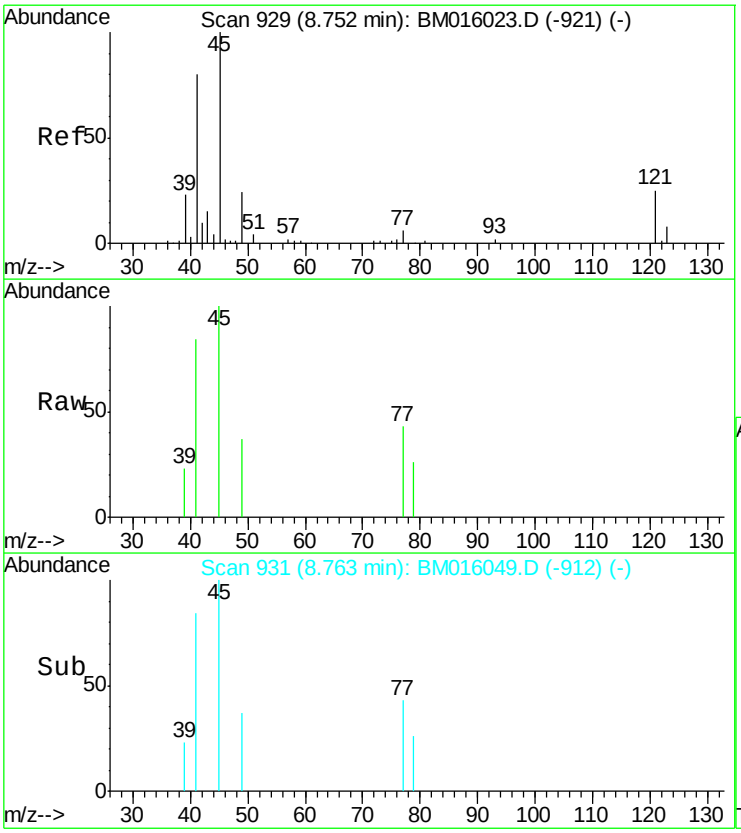
#15
Benzyl Alcohol
Concen: 2.221 ng
RT: 8.55 min Scan# 895
Delta R.T. 0.06 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 79 Resp: 5984

Ion	Ratio	Lower	Upper
79	100		
108	55.3	65.0	97.4#
77	144.9	53.0	79.6#

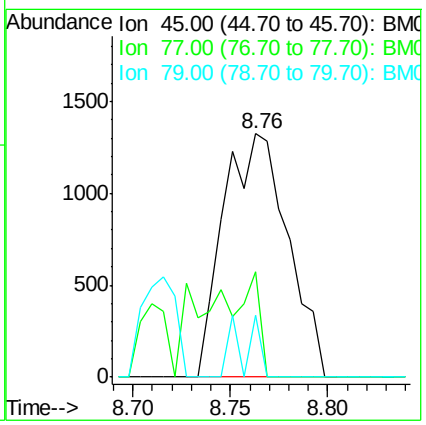


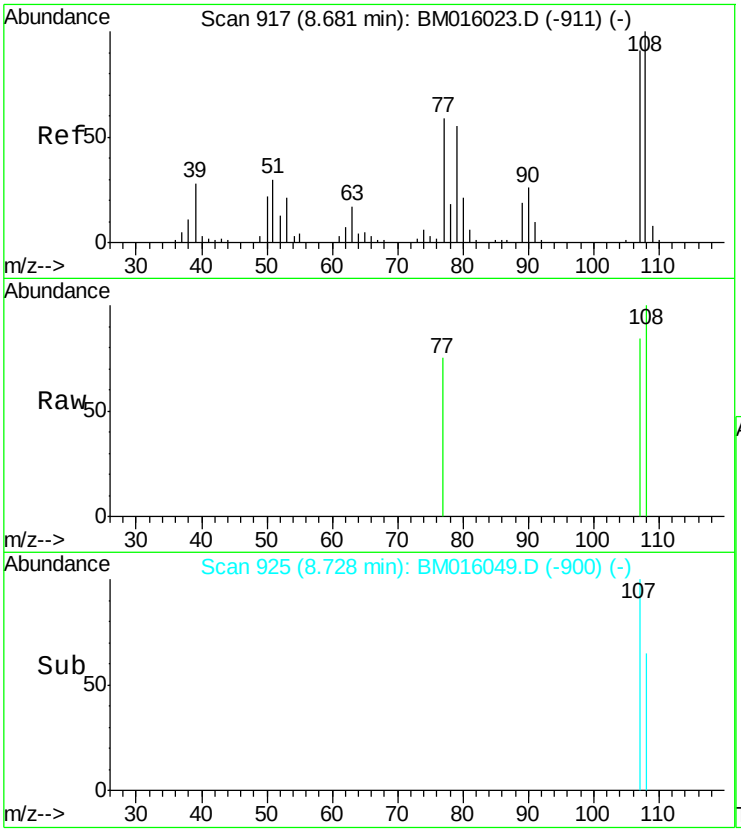


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.738 ng
RT: 8.76 min Scan# 931
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion: 45 Resp: 3019

Ion	Ratio	Lower	Upper
45	100		
77	43.5	0.0	35.2#
79	25.6	0.0	32.0



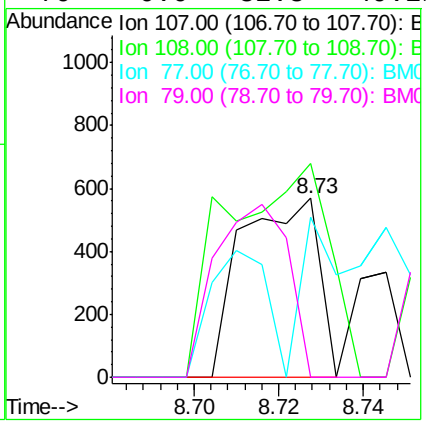


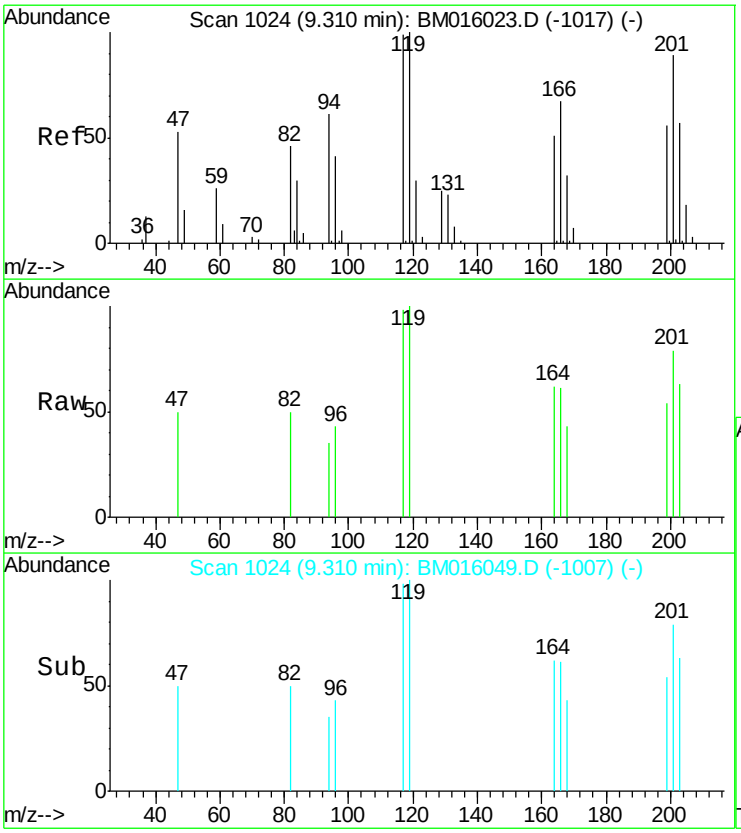
#17
2-Methylphenol
Concen: 0.310 ng
RT: 8.73 min Scan# 925
Delta R.T. 0.05 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:107 Resp: 716

Ion	Ratio	Lower	Upper
107	100		
108	119.5	89.8	134.8
77	89.4	32.6	48.8#
79	0.0	32.8	49.2#

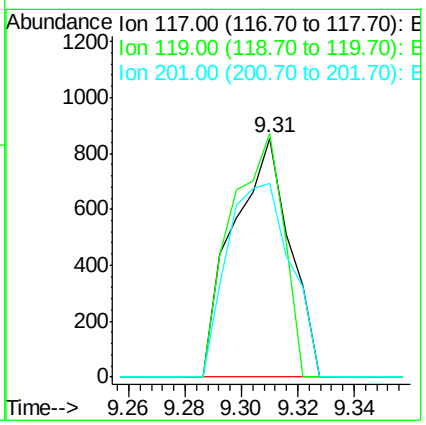


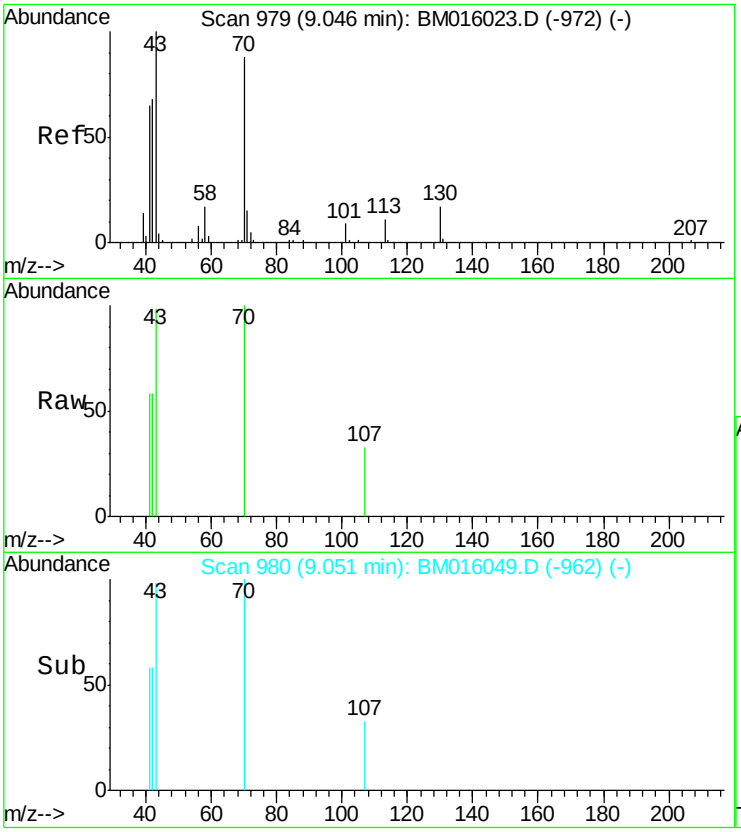


#18
Hexachloroethane
Concen: 0.750 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:117 Resp: 1186

Ion	Ratio	Lower	Upper
117	100		
119	102.0	79.2	118.8
201	81.0	69.8	104.6



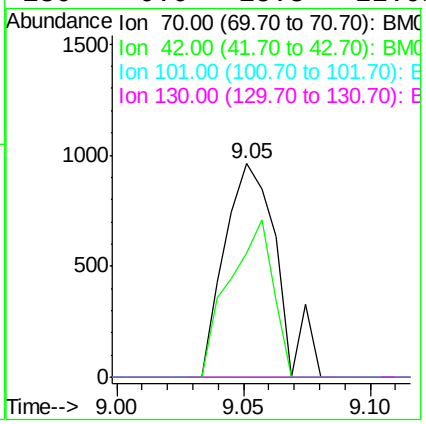


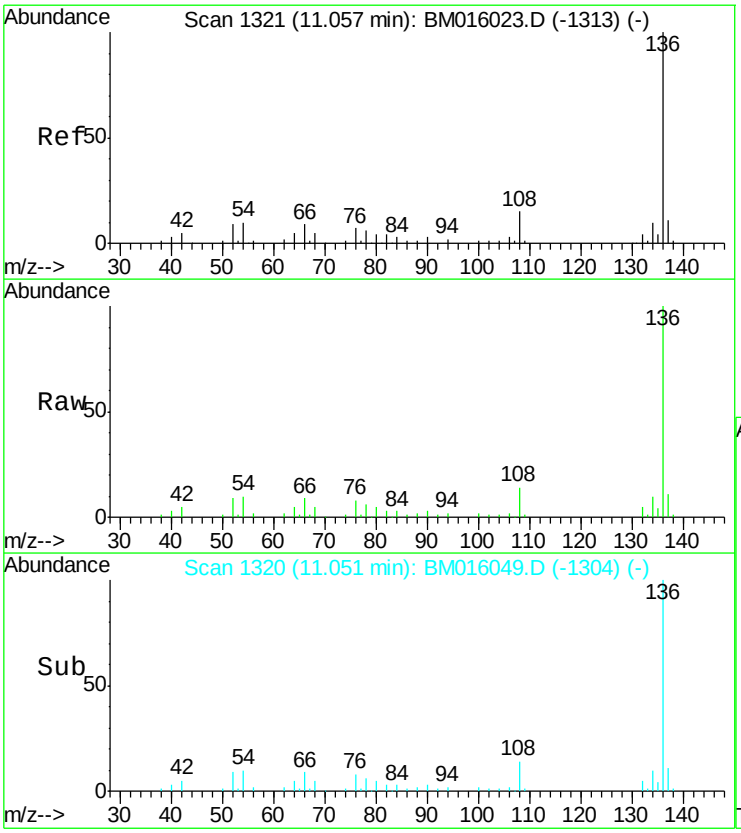
#19
n-Nitroso-di-n-propylamine
Concen: 0.563 ng
RT: 9.05 min Scan# 980
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 70 Resp: 1392

Ion	Ratio	Lower	Upper
70	100		
42	58.1	44.5	66.7
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#

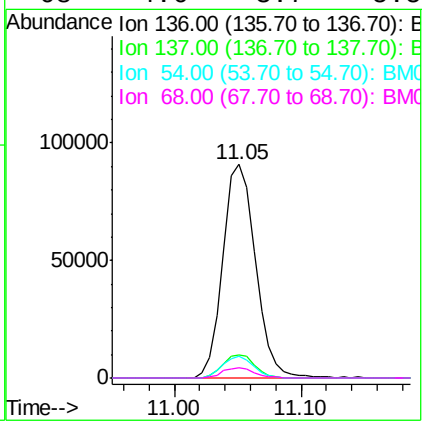


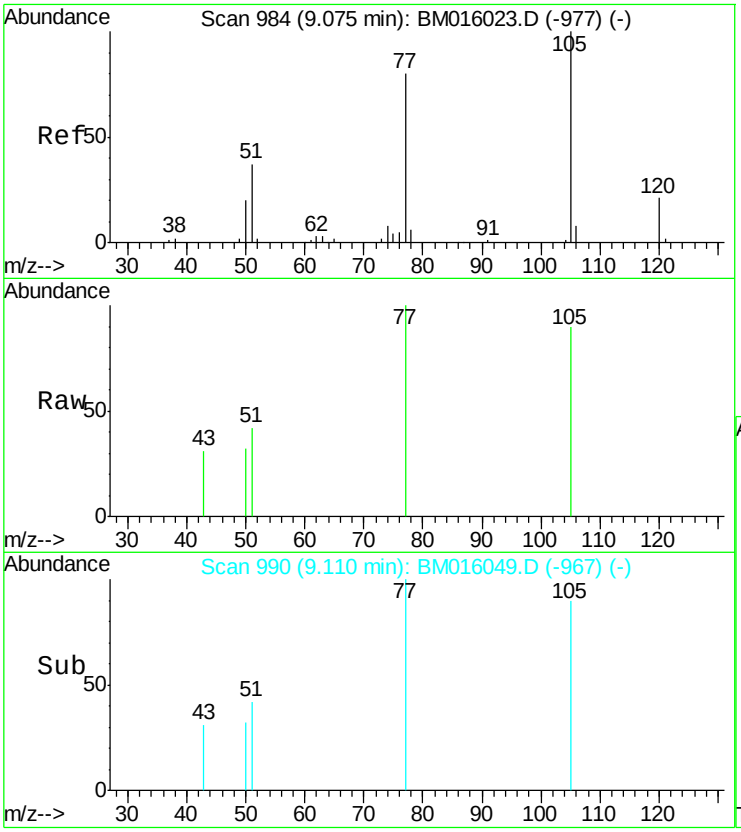


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:136 Resp: 162838

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.1	4.6	6.8#
68	4.6	3.7	5.5



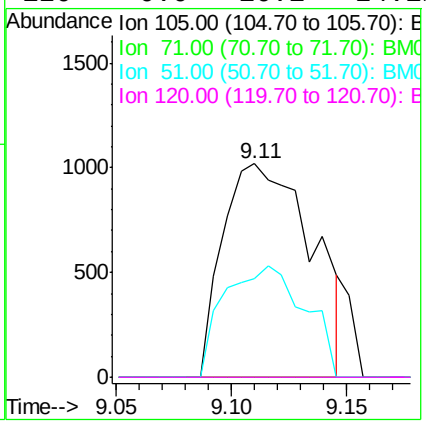


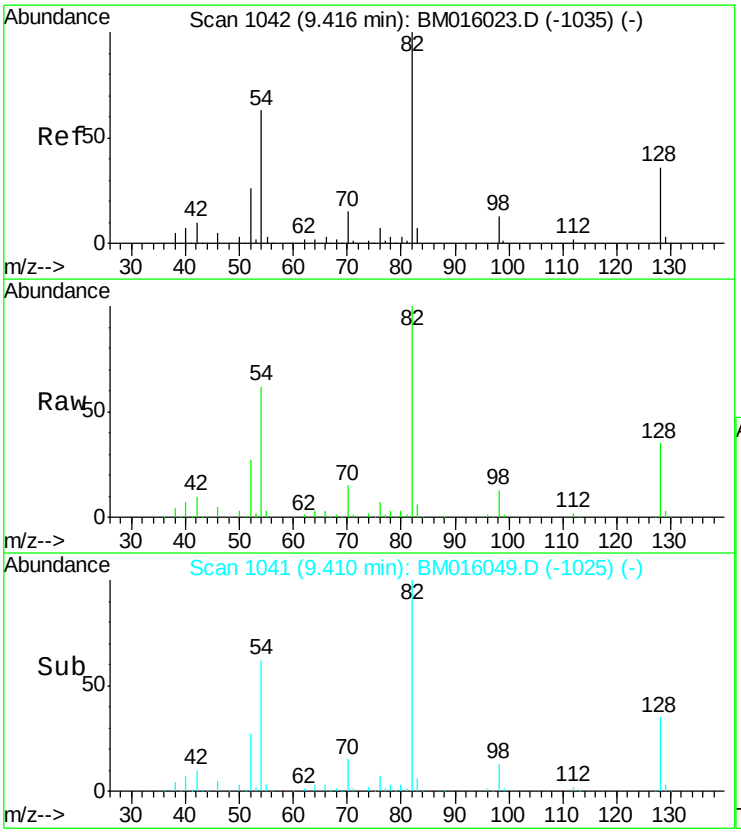
#22
Acetophenone
Concen: 0.665 ng
RT: 9.11 min Scan# 990
Delta R.T. 0.03 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:105 Resp: 2726

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	46.3	21.6	32.4#
120	0.0	16.1	24.1#

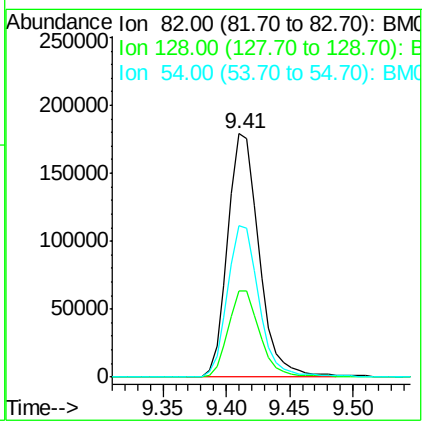


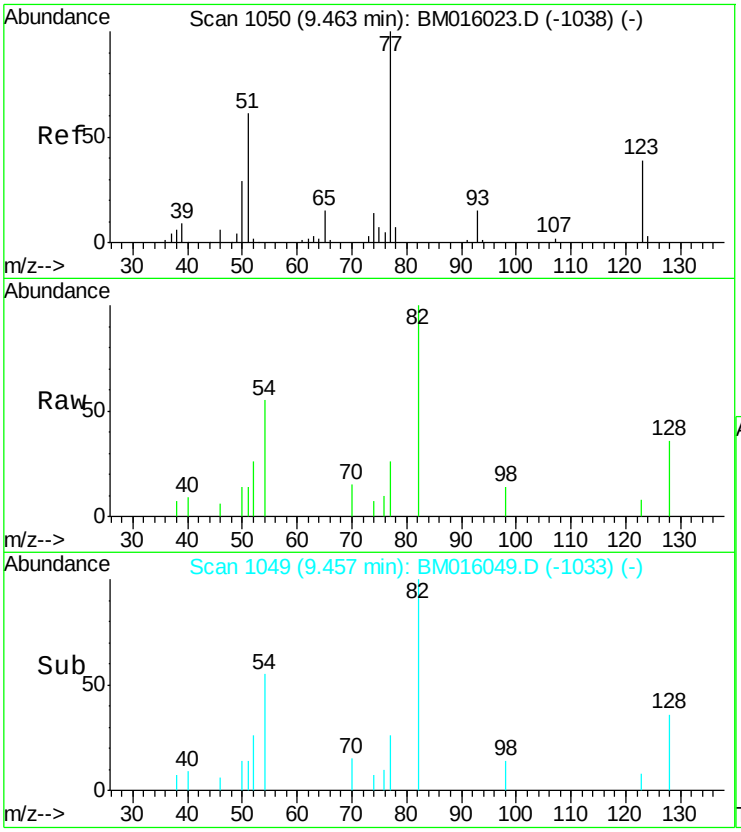


#23
Nitrobenzene-d5
Concen: 0.665 ng
RT: 9.41 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion: 82 Resp: 307514

Ion	Ratio	Lower	Upper
82	100		
128	35.5	32.8	49.2
54	62.3	40.6	60.8#



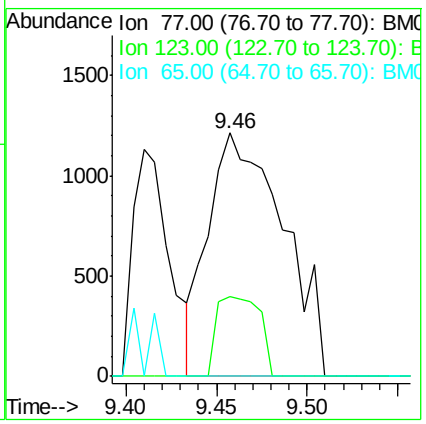


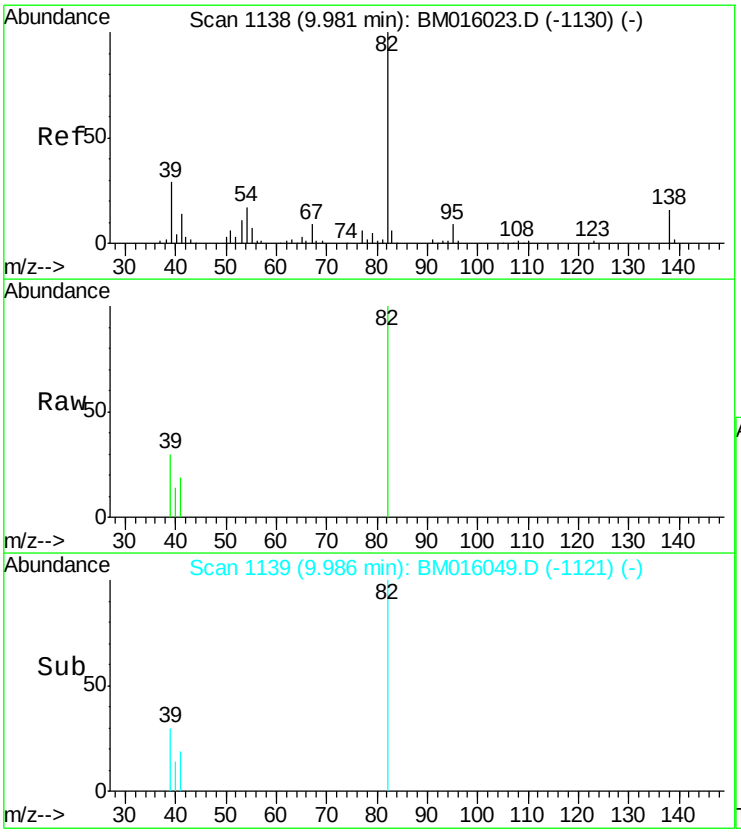
#24
Nitrobenzene
Concen: 0.993 ng
RT: 9.46 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 77 Resp: 3499

Ion	Ratio	Lower	Upper
77	100		
123	32.6	32.6	49.0#
65	0.0	10.9	16.3#

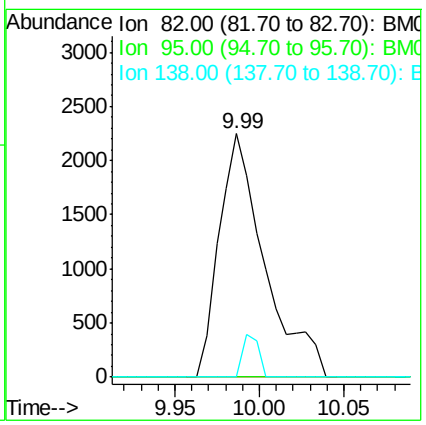


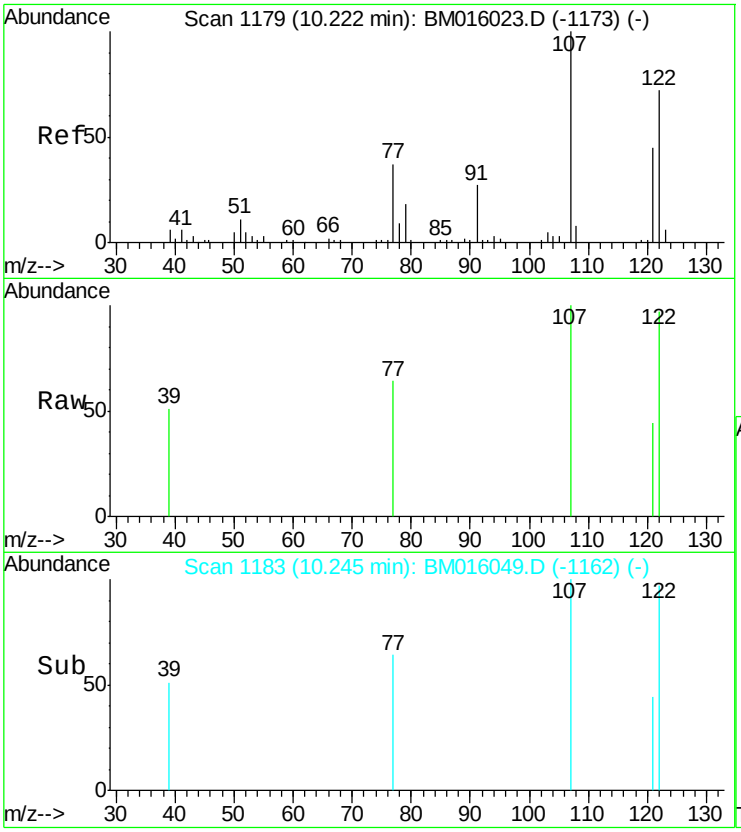


#25
Isophorone
Concen: 0.883 ng
RT: 9.99 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion: 82 Resp: 4227

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.3	24.5#



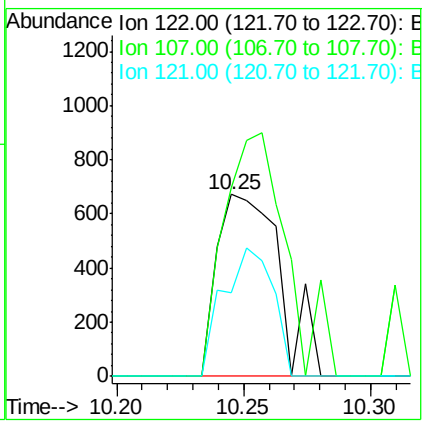


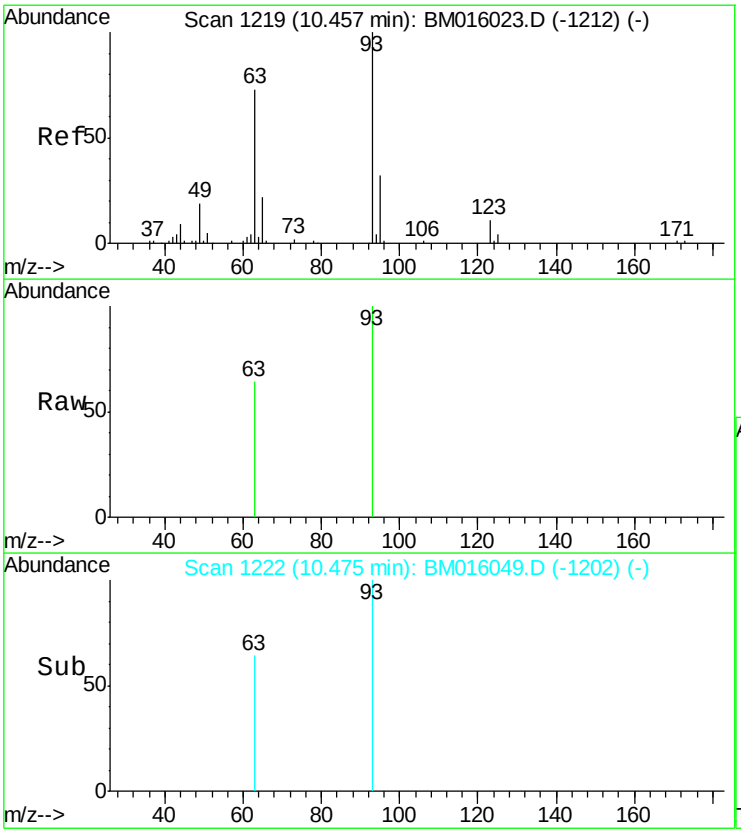
#27
2,4-Dimethylphenol
Concen: 0.568 ng
RT: 10.25 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:122 Resp: 1165

Ion	Ratio	Lower	Upper
122	100		
107	103.4	84.7	127.1
121	46.0	46.6	69.8#

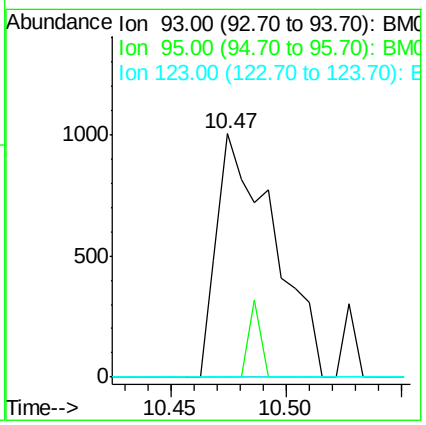


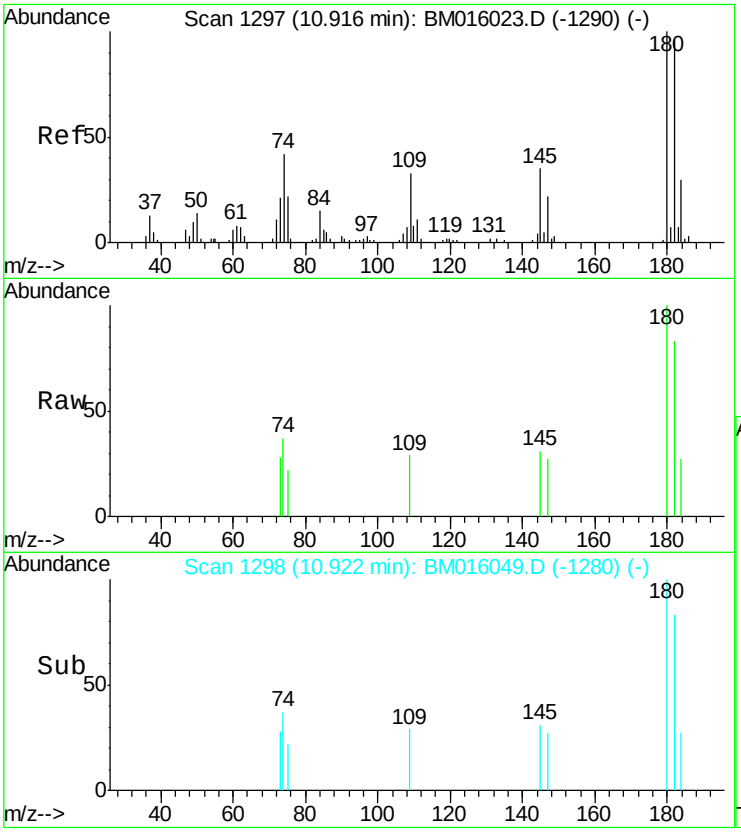


#28
bis(2-Chloroethoxy)methane
Concen: 0.552 ng
RT: 10.47 min Scan# 1222
Delta R.T. 0.02 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion: 93 Resp: 1719

Ion	Ratio	Lower	Upper
93	100		
95	0.0	25.5	38.3#
123	0.0	8.6	13.0#



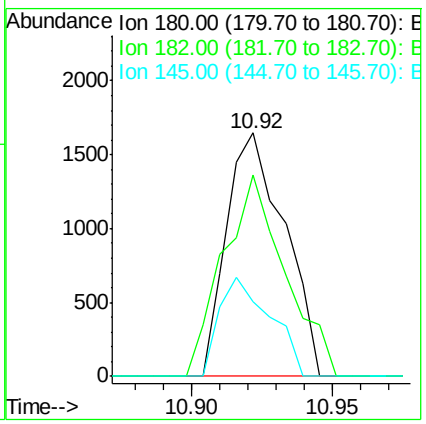


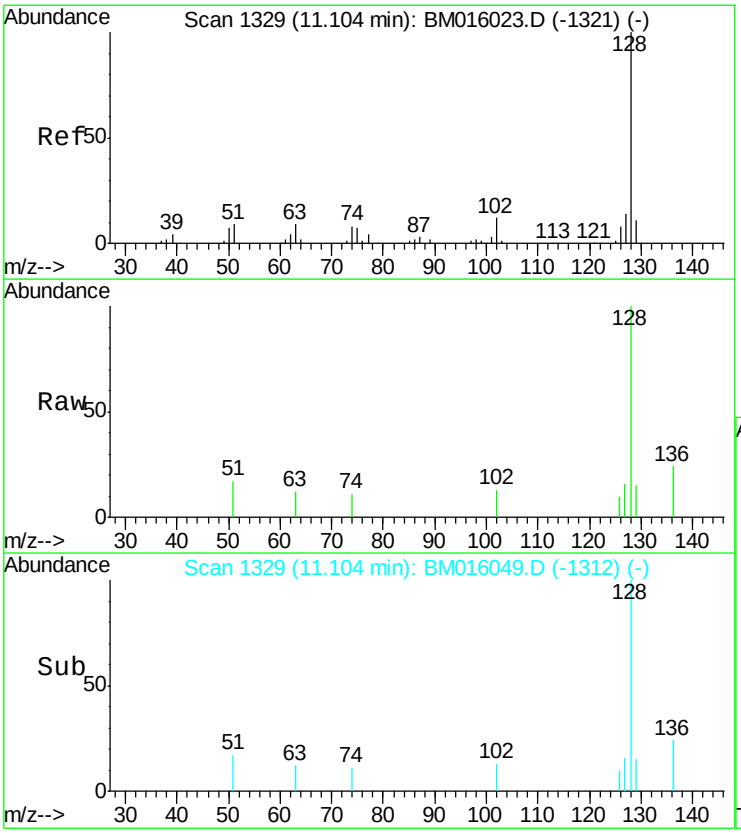
#30
1,2,4-Trichlorobenzene
Concen: 0.793 ng
RT: 10.92 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:180 Resp: 2347

Ion	Ratio	Lower	Upper
180	100		
182	82.8	77.6	116.4
145	30.8	23.4	35.2

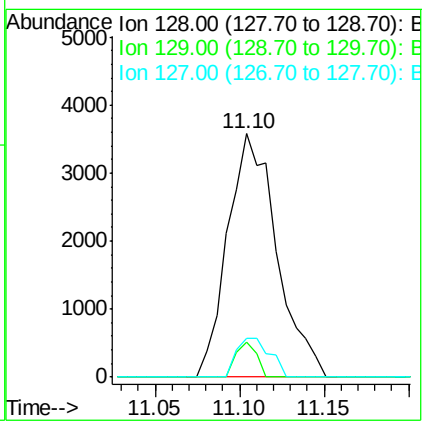


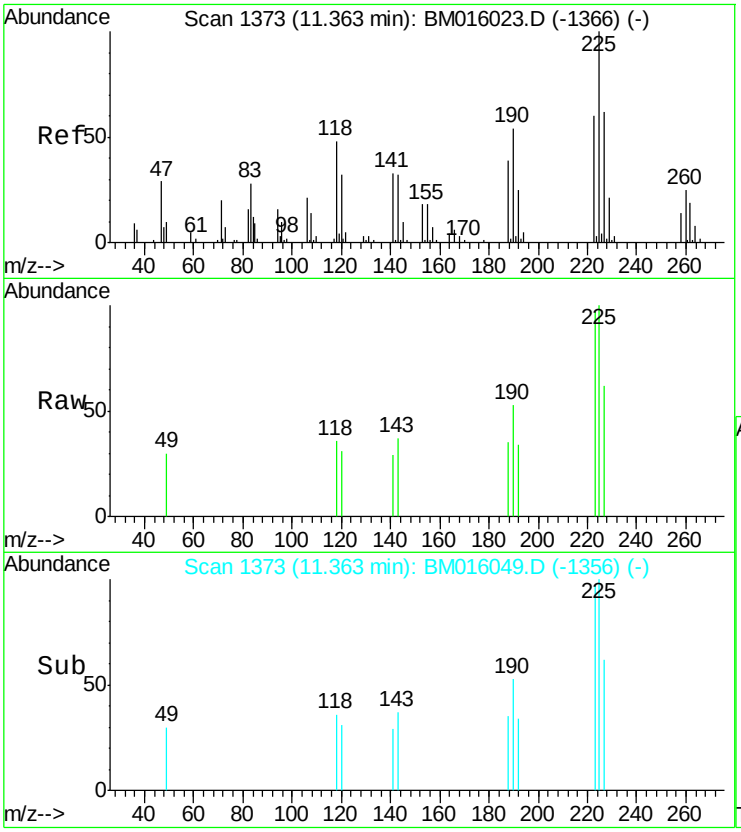


#31
Naphthalene
Concen: 0.879 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:128 Resp: 7246

Ion	Ratio	Lower	Upper
128	100		
129	14.6	8.9	13.3#
127	16.0	10.4	15.6#



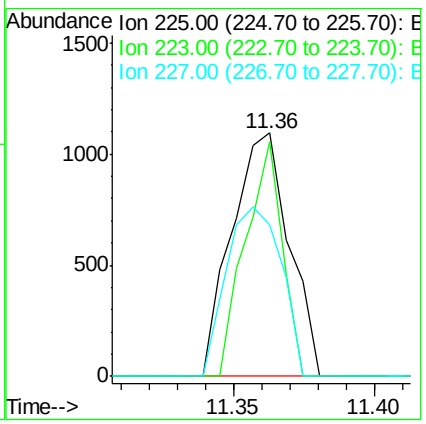


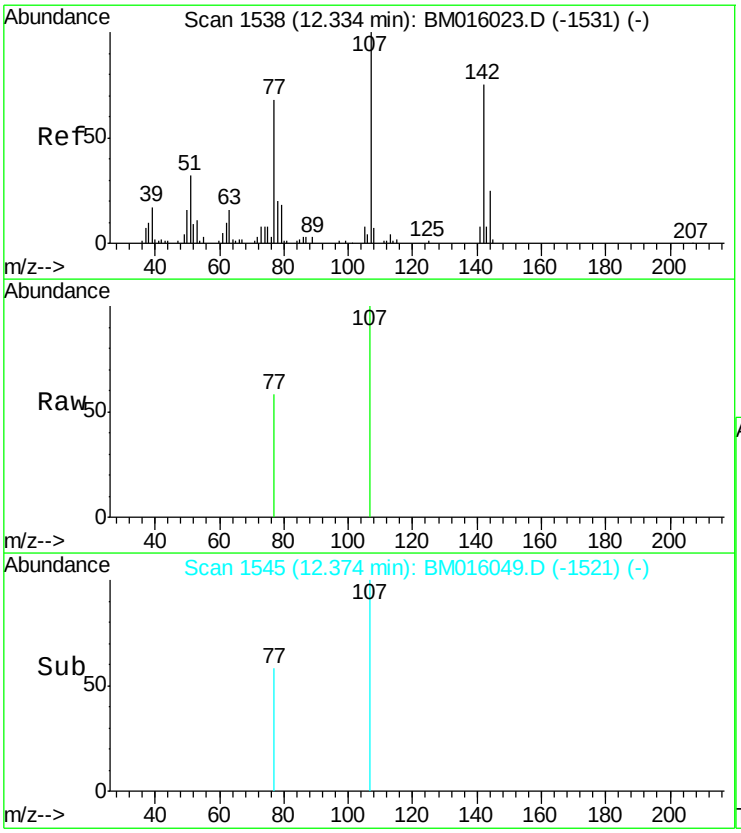
#34
Hexachlorobutadiene
Concen: 0.750 ng
RT: 11.36 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:225 Resp: 1539

Ion	Ratio	Lower	Upper
225	100		
223	96.5	47.9	71.9#
227	62.4	50.1	75.1

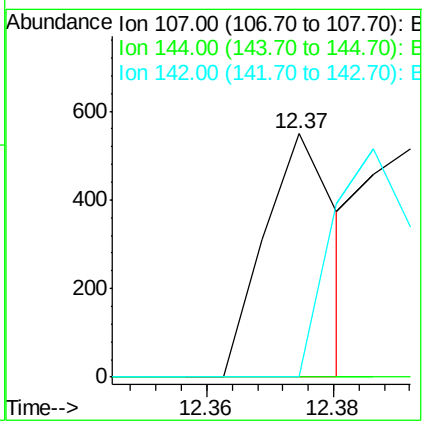


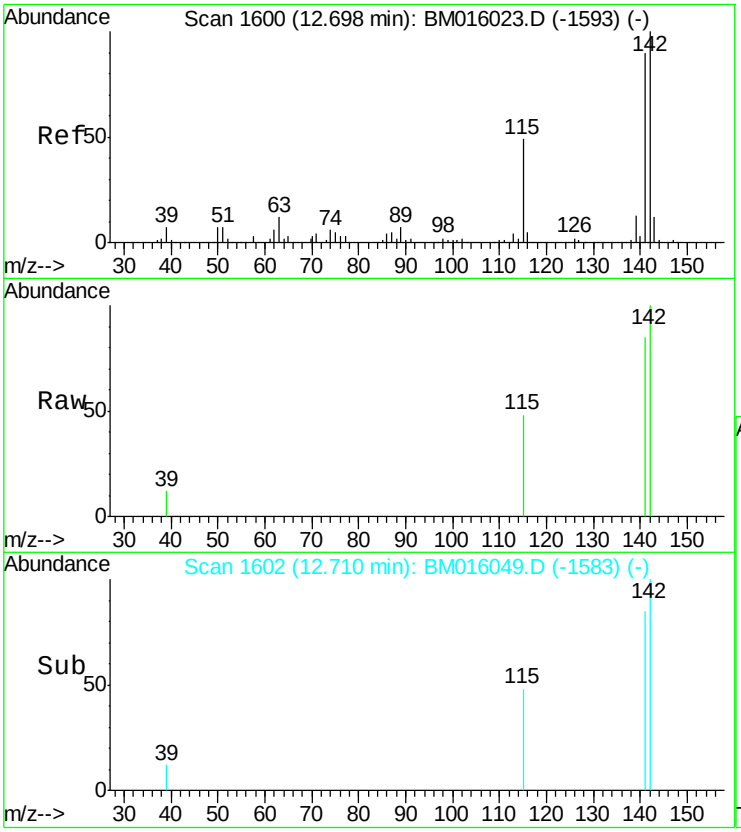


#36
4-Chloro-3-methylphenol
Concen: 0.162 ng
RT: 12.37 min Scan# 1545
Delta R.T. 0.04 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:107 Resp: 435

Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.3	34.9#
142	0.0	72.6	109.0#



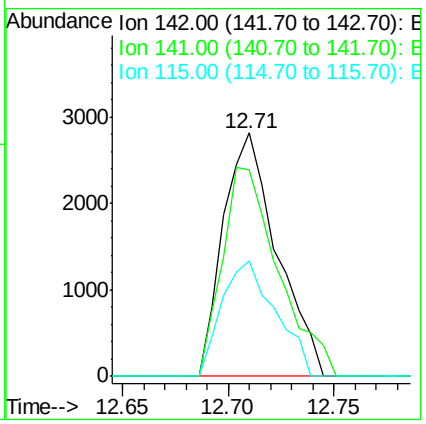


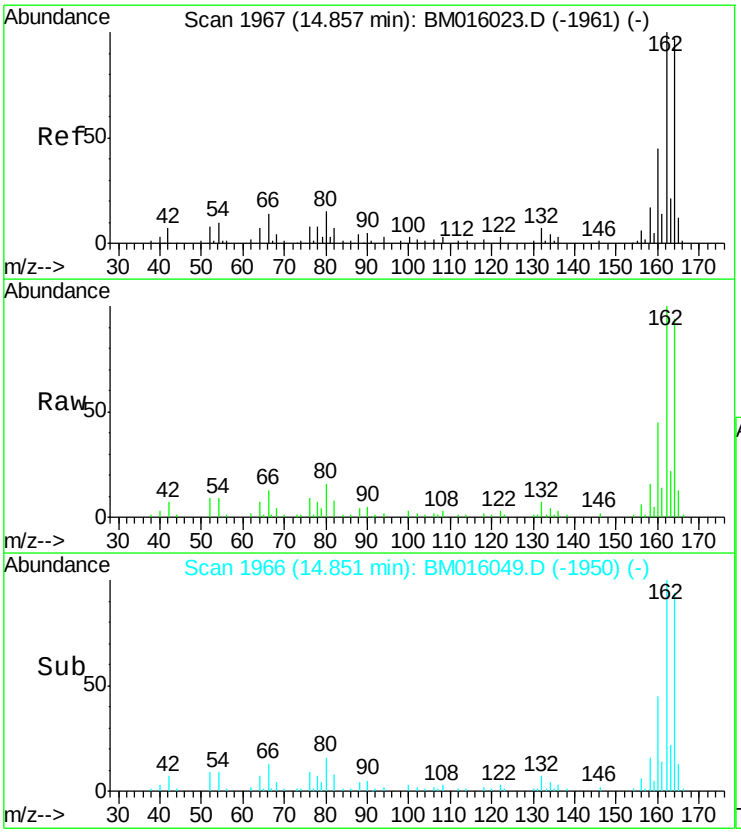
#37
2-Methylnaphthalene
Concen: 0.901 ng
RT: 12.71 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:142 Resp: 4974

Ion	Ratio	Lower	Upper
142	100		
141	84.9	71.9	107.9
115	47.6	25.4	38.0#

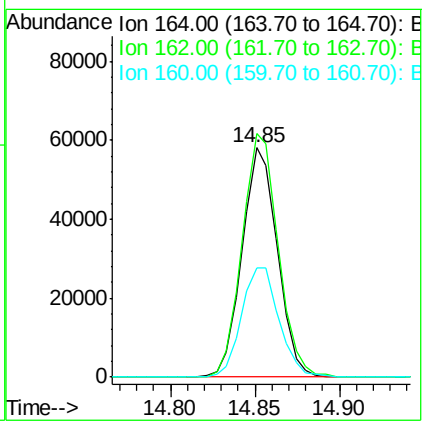


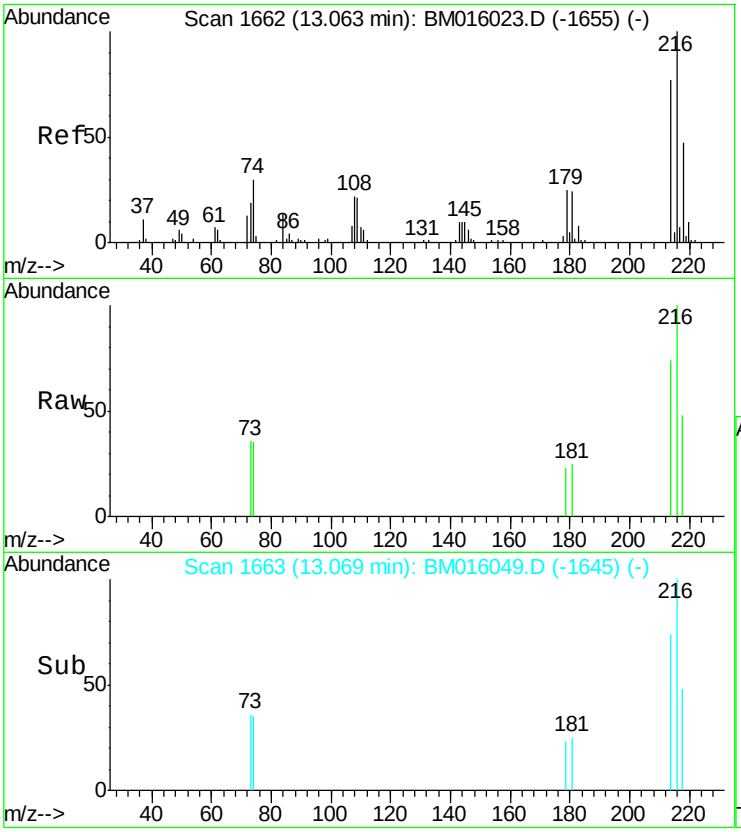


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.85 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:164 Resp: 84559

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.4	123.6
160	47.6	35.8	53.6



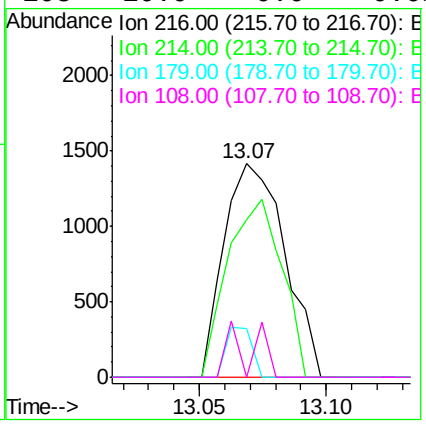


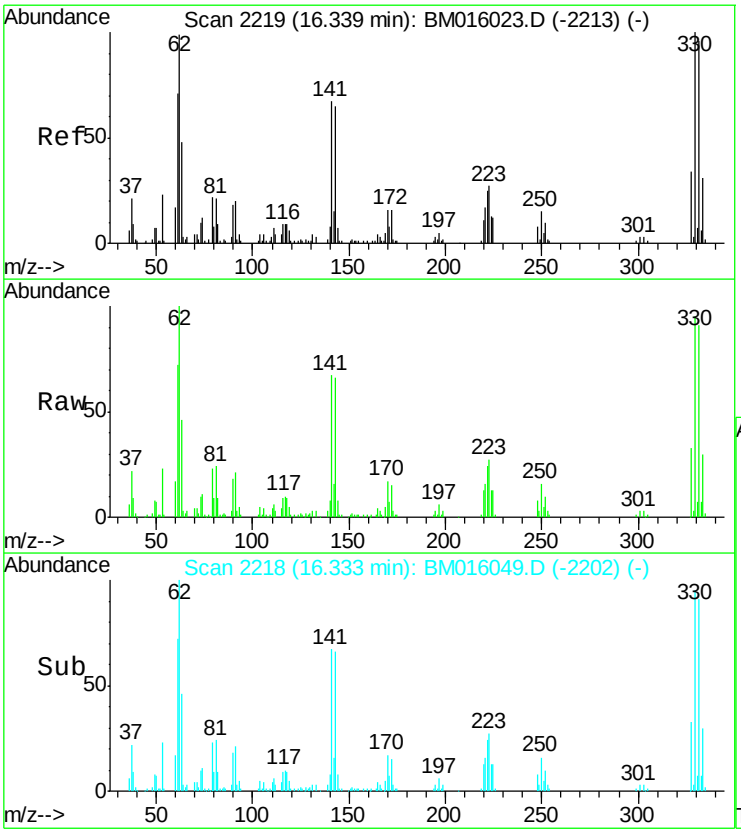
#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.825 ng
RT: 13.07 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:216 Resp: 2374

Ion	Ratio	Lower	Upper
216	100		
214	74.3	0.0	0.0#
179	9.8	0.0	0.0#
108	10.9	0.0	0.0#

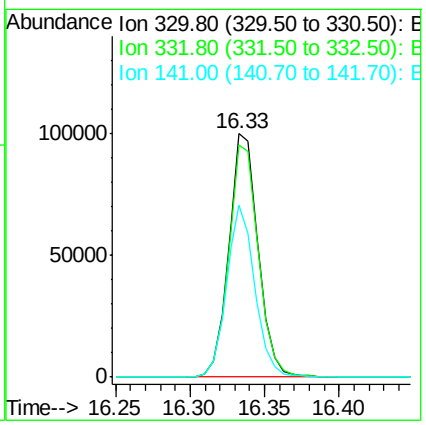


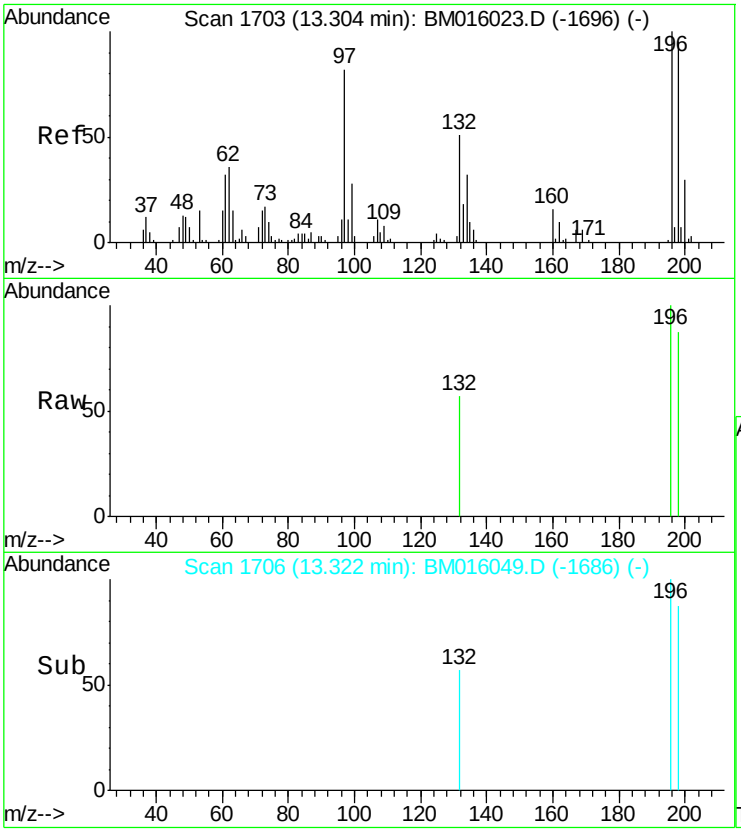


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.33 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:330 Resp: 136558

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	68.5	0.0	0.0#



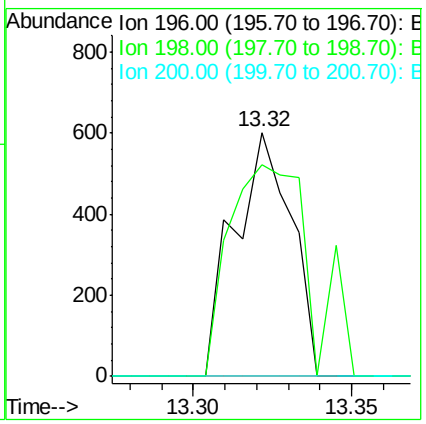


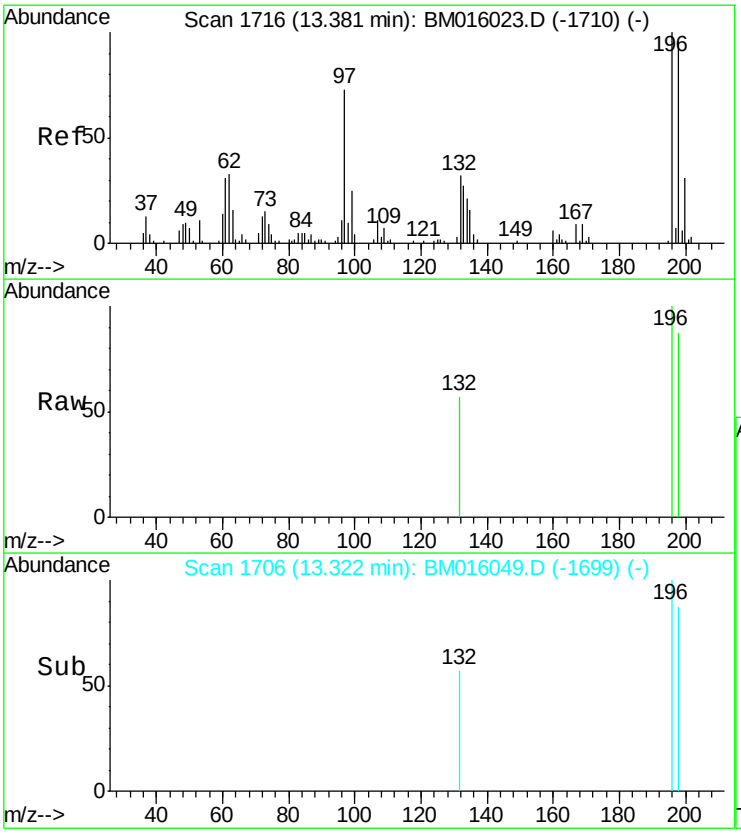
#42
2,4,6-Trichlorophenol
Concen: 0.419 ng
RT: 13.32 min Scan# 1706
Delta R.T. 0.02 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:196 Resp: 754

Ion	Ratio	Lower	Upper
196	100		
198	86.7	76.3	114.5
200	0.0	25.6	38.4#

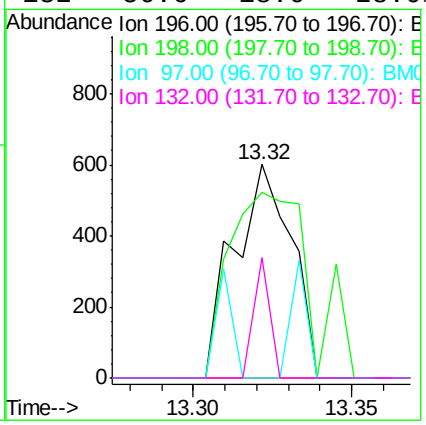


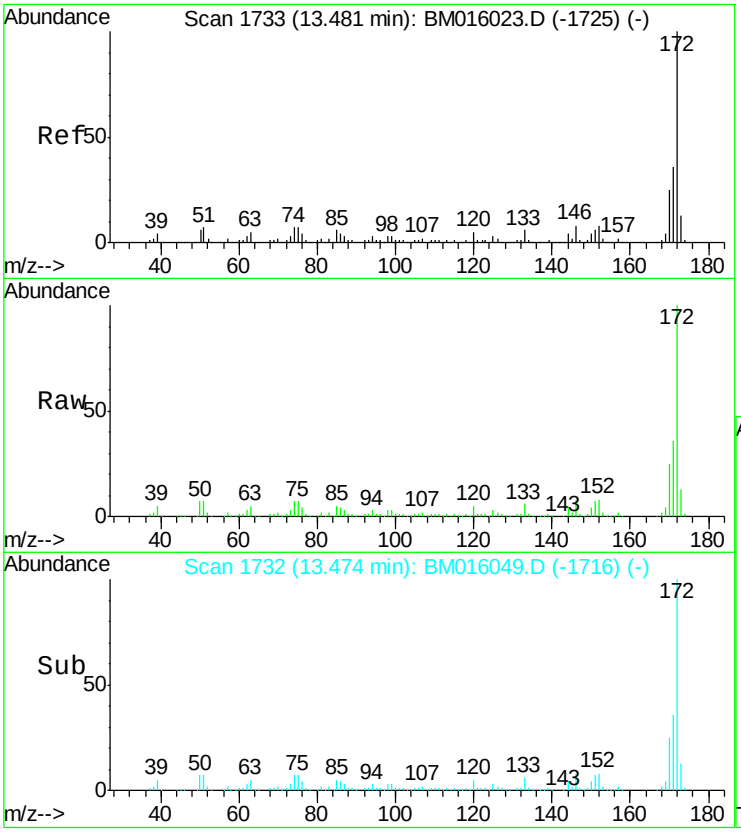


#43
2,4,5-Trichlorophenol
Concen: 0.406 ng
RT: 13.32 min Scan# 1706
Delta R.T. -0.06 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:196 Resp: 754

Ion	Ratio	Lower	Upper
196	100		
198	86.7	79.4	119.0
97	0.0	26.8	40.2#
132	56.6	18.6	28.0#



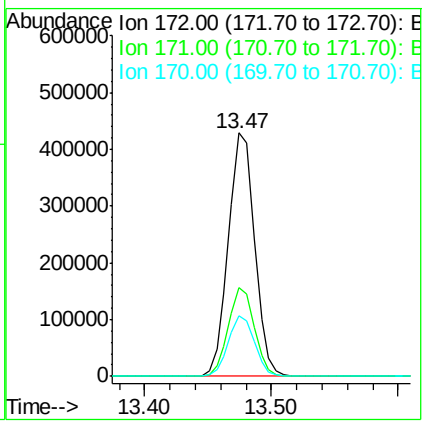


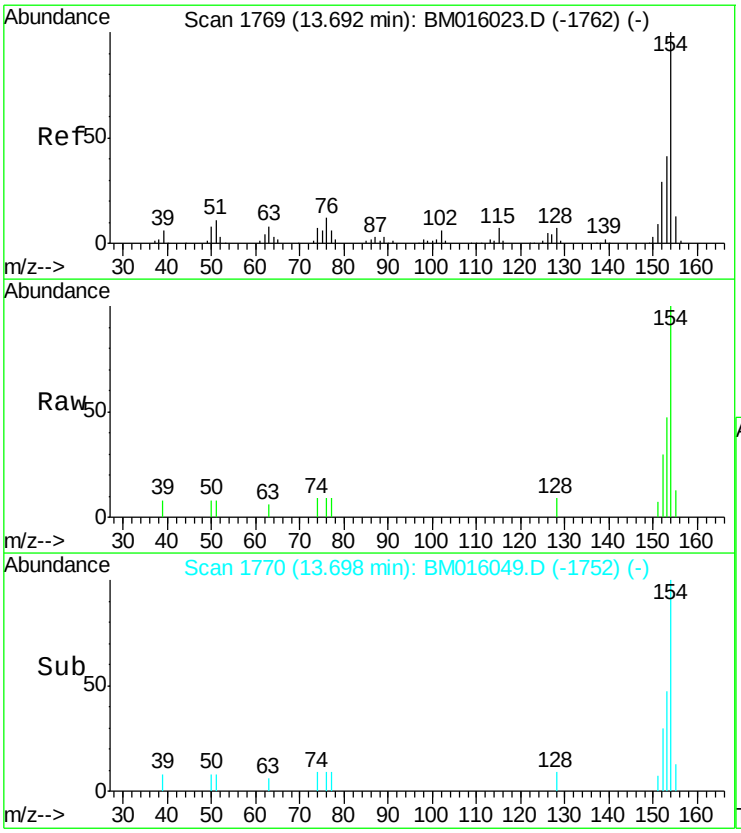
#44
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.47 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:172 Resp: 615265

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.7	18.8	28.2

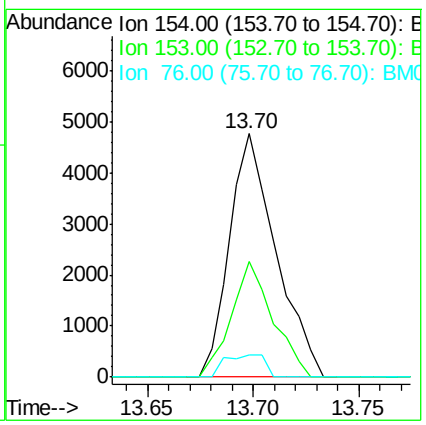


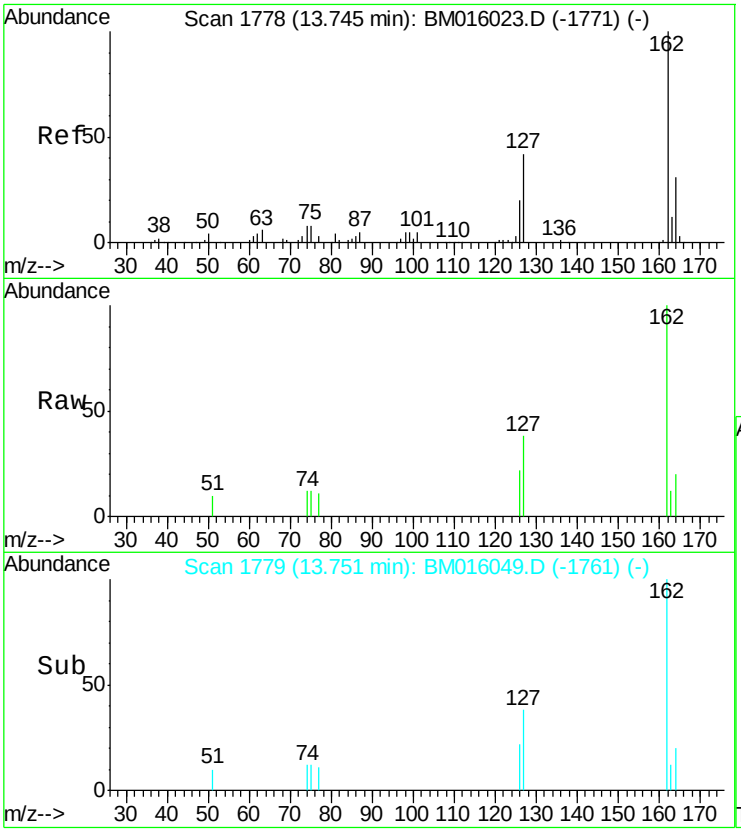


#45
1,1'-Biphenyl
Concen: 0.950 ng
RT: 13.70 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:154 Resp: 7249

Ion	Ratio	Lower	Upper
154	100		
153	47.2	20.7	60.7
76	8.9	0.0	30.9



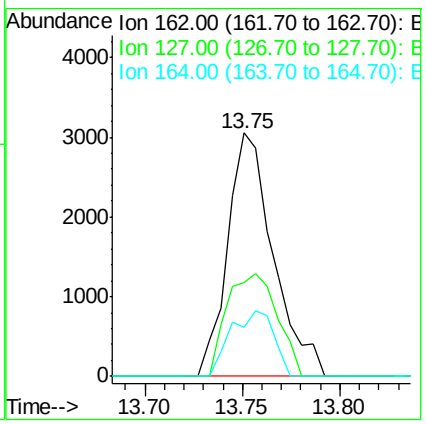


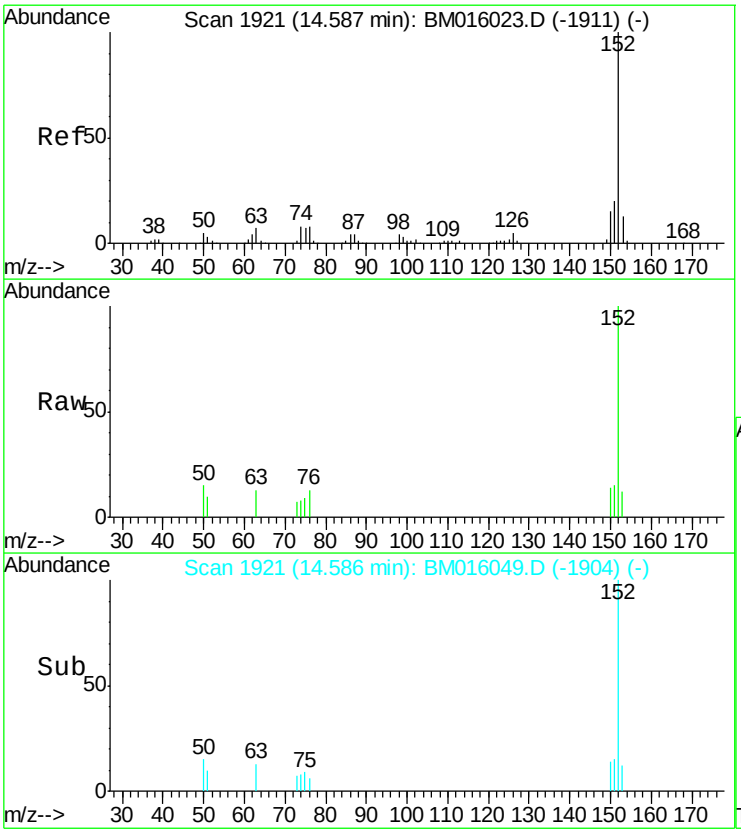
#46
2-Chloronaphthalene
Concen: 0.831 ng
RT: 13.75 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:162 Resp: 4932

Ion	Ratio	Lower	Upper
162	100		
127	38.5	26.9	40.3
164	20.2	26.8	40.2#

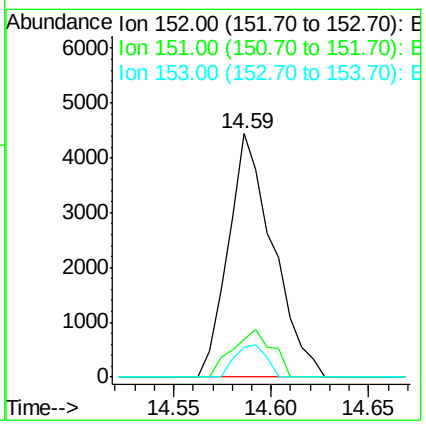


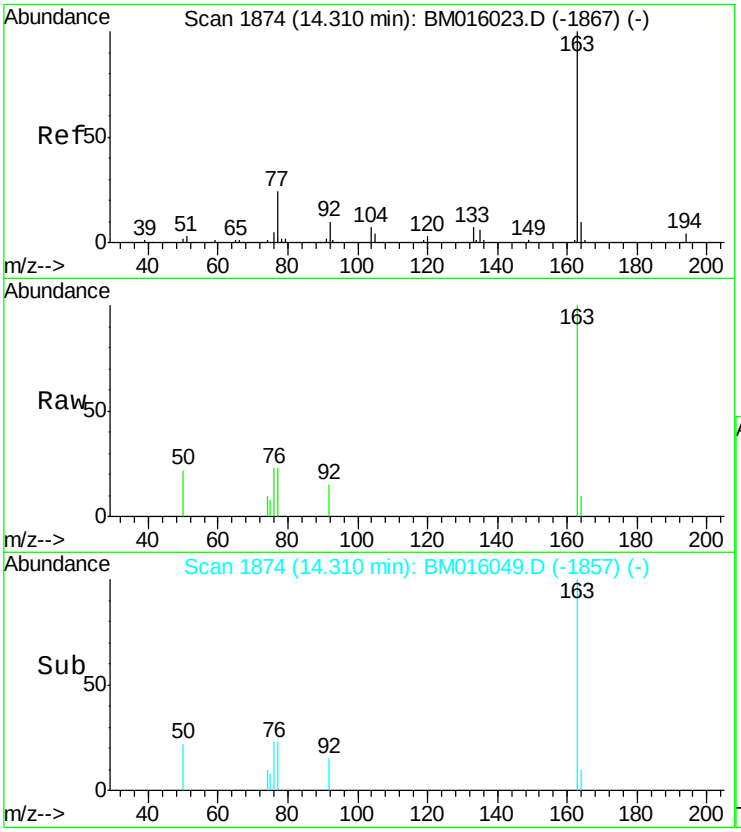


#48
Acenaphthylene
Concen: 0.810 ng
RT: 14.59 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:152 Resp: 7034

Ion	Ratio	Lower	Upper
152	100		
151	15.3	15.9	23.9#
153	12.2	10.6	16.0



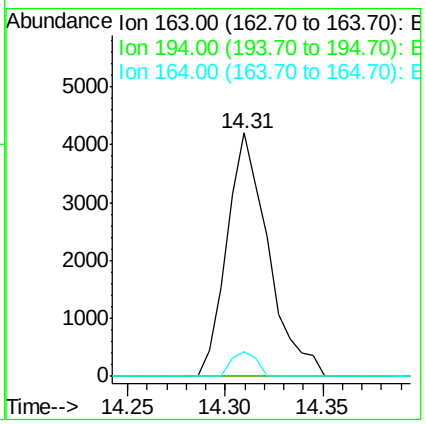


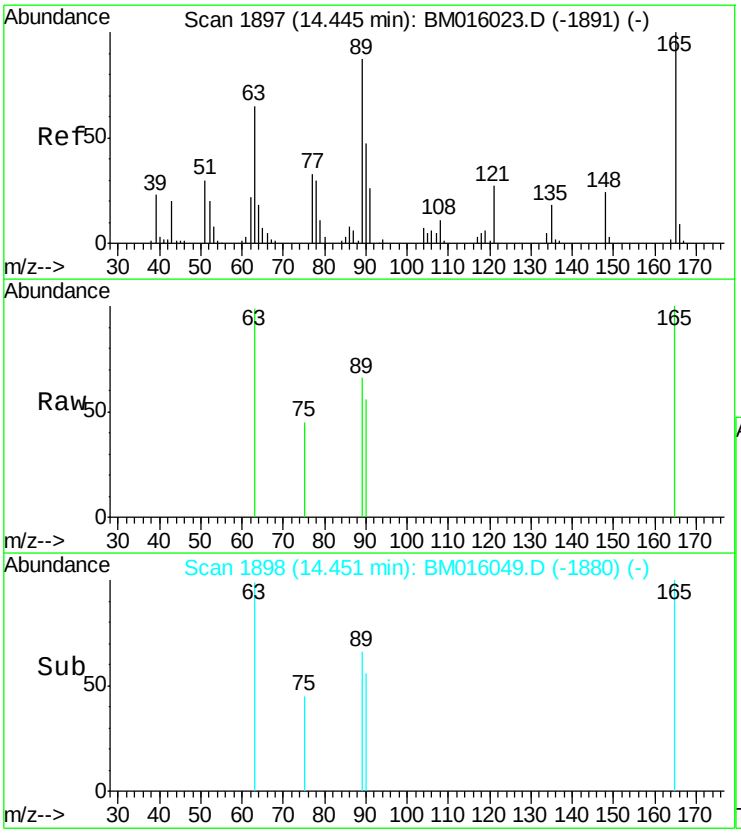
#49
Dimethylphthalate
Concen: 0.836 ng
RT: 14.31 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:163 Resp: 6184

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	10.1	8.2	12.2

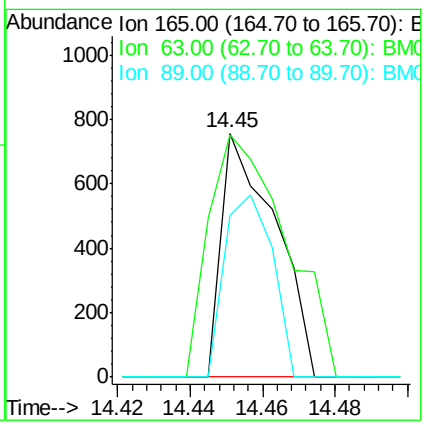


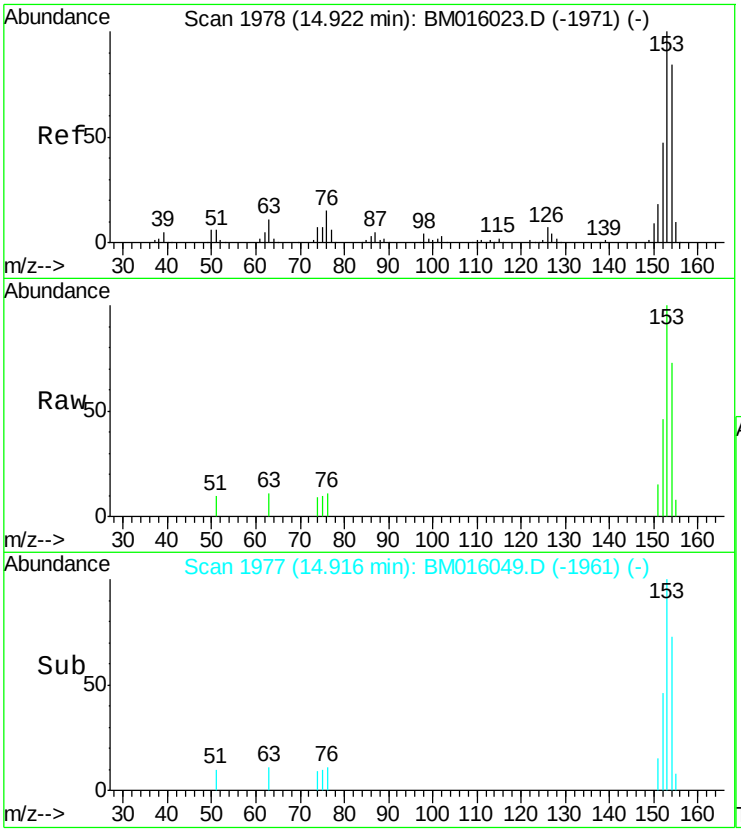


#50
2,6-Dinitrotoluene
Concen: 0.523 ng
RT: 14.45 min Scan# 1898
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:165 Resp: 779

Ion	Ratio	Lower	Upper
165	100		
63	99.5	44.1	66.1#
89	66.1	44.3	66.5



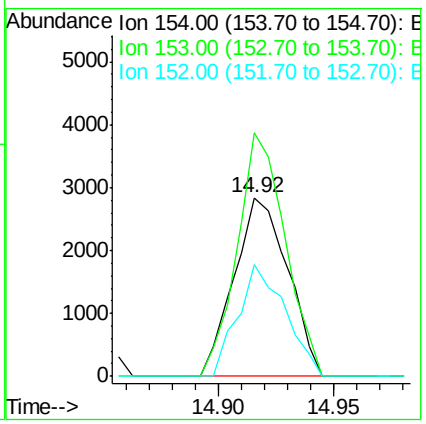


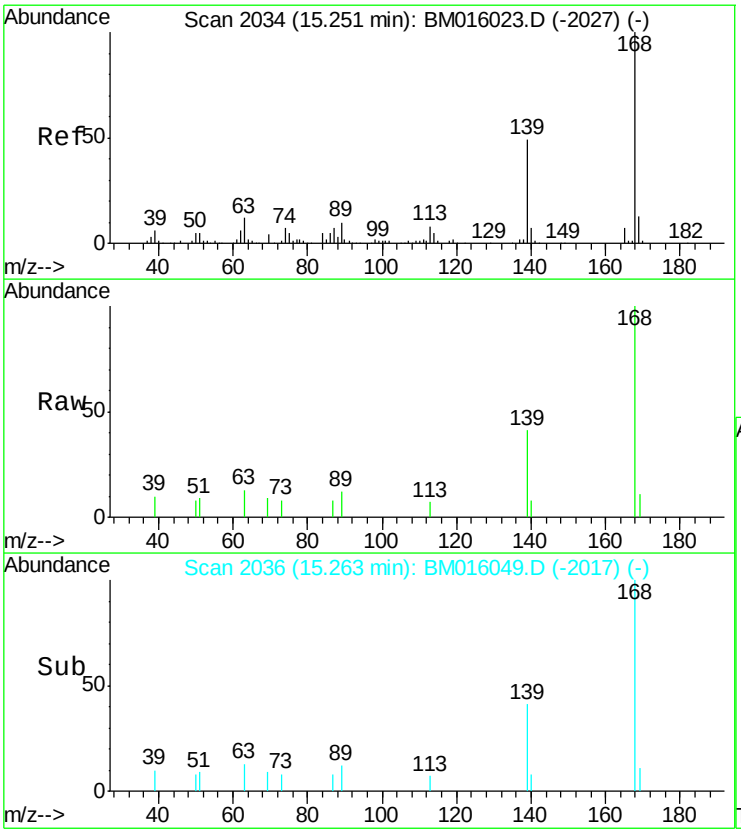
#51
Acenaphthene
Concen: 0.860 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:154 Resp: 4594

Ion	Ratio	Lower	Upper
154	100		
153	136.1	90.0	135.0#
152	62.6	42.6	63.8

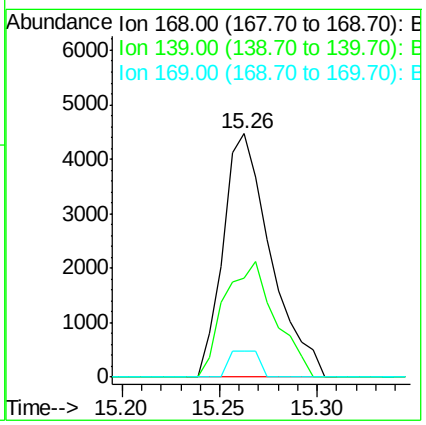


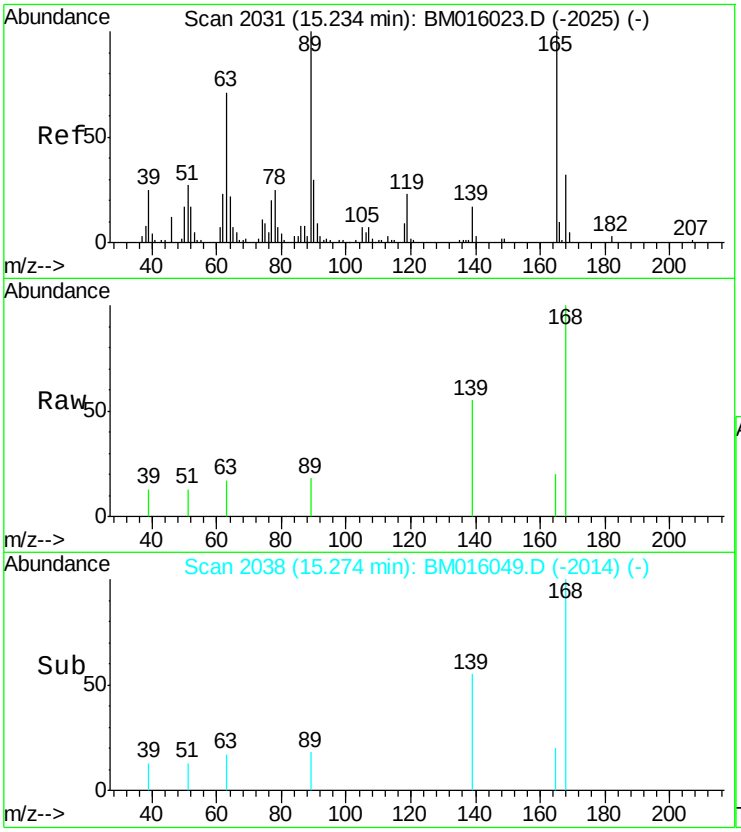


#54
Dibenzofuran
Concen: 0.856 ng
RT: 15.26 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:168 Resp: 7537

Ion	Ratio	Lower	Upper
168	100		
139	40.5	27.3	40.9
169	10.7	10.6	16.0



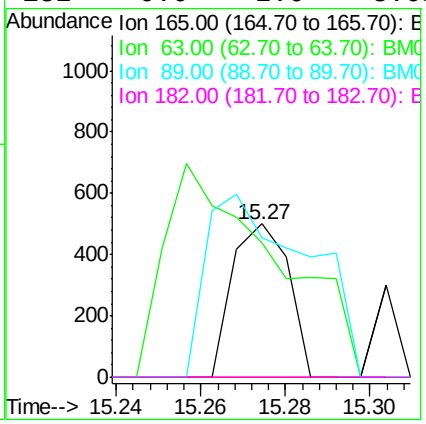


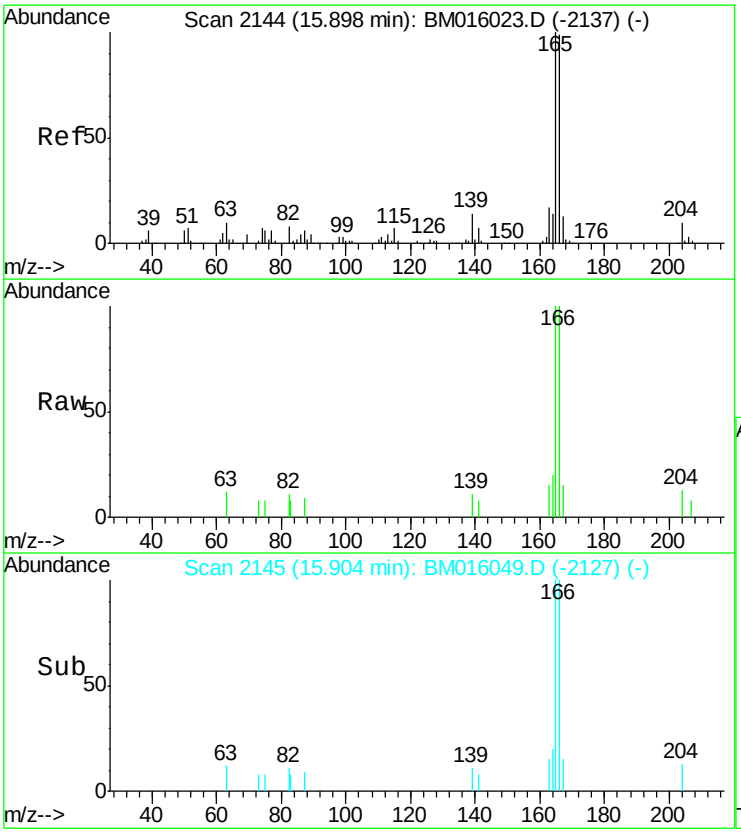
#56
2,4-Dinitrotoluene
Concen: 0.217 ng
RT: 15.27 min Scan# 2038
Delta R.T. 0.04 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:165 Resp: 462

Ion	Ratio	Lower	Upper
165	100		
63	88.0	52.4	78.6#
89	91.0	72.4	108.6
182	0.0	2.0	3.0#

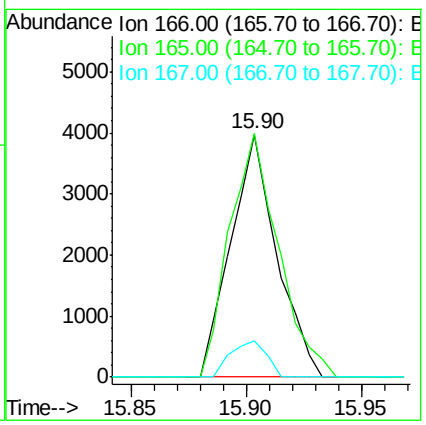


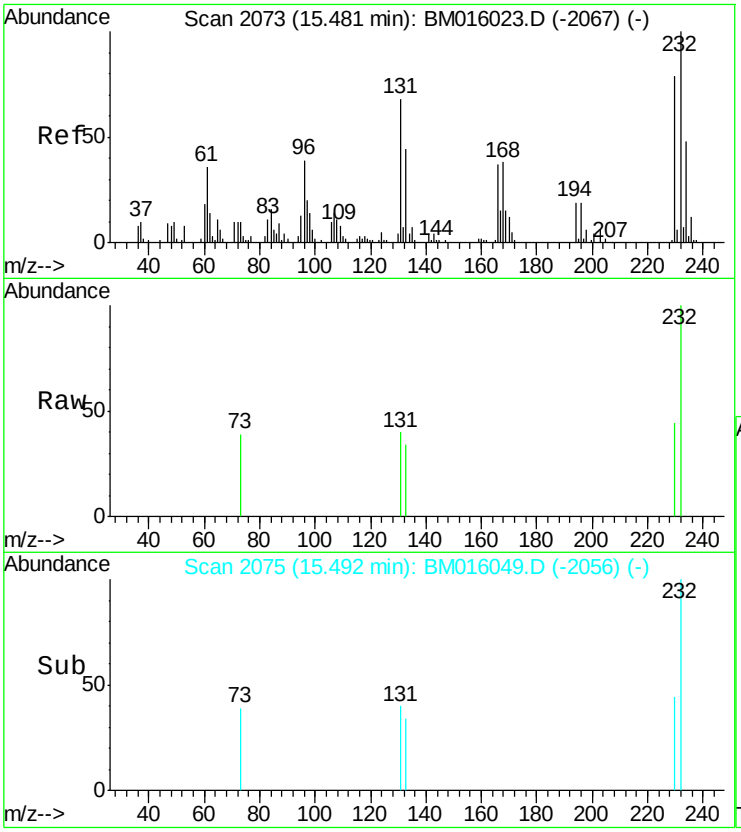


#57
Fluorene
Concen: 0.840 ng
RT: 15.90 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:166 Resp: 5499

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.0	118.4
167	14.8	10.3	15.5



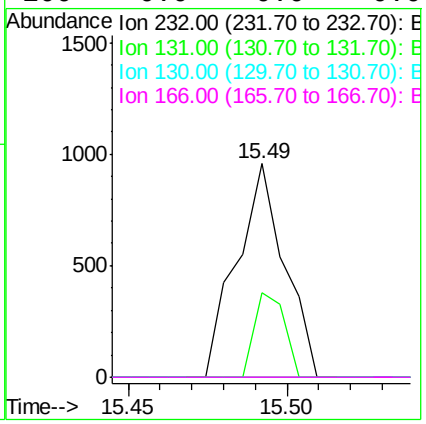


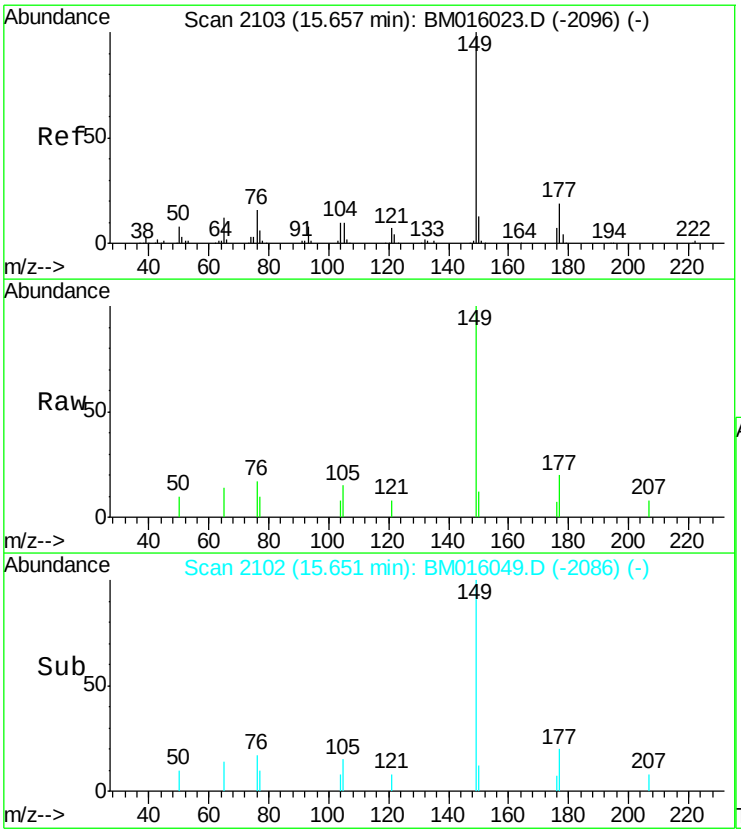
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.628 ng
RT: 15.49 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:232 Resp: 1003

Ion	Ratio	Lower	Upper
232	100		
131	24.9	0.0	0.0#
130	0.0	0.0	0.0
166	0.0	0.0	0.0

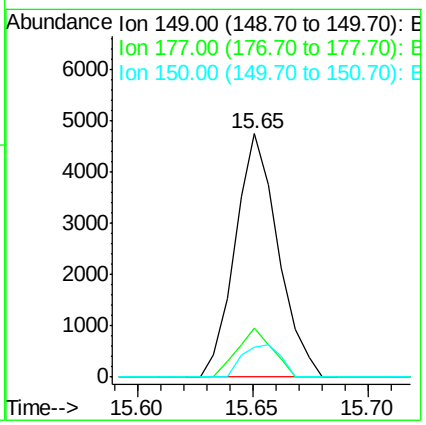


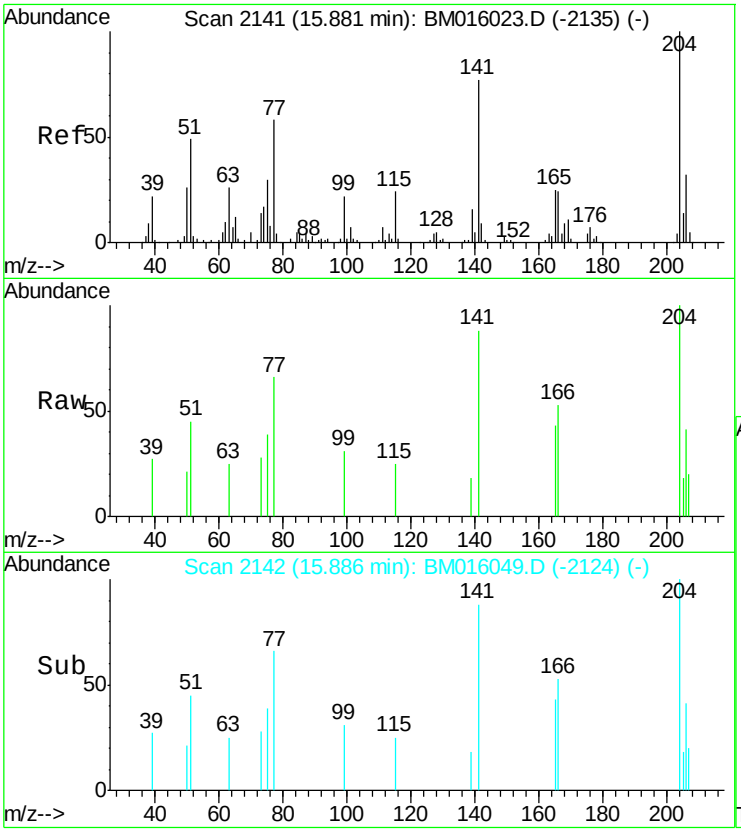


#59
Diethylphthalate
Concen: 0.771 ng
RT: 15.65 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:149 Resp: 6148

Ion	Ratio	Lower	Upper
149	100		
177	20.1	18.3	27.5
150	12.1	9.8	14.8



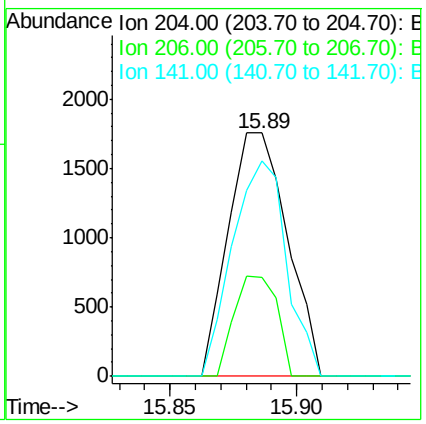


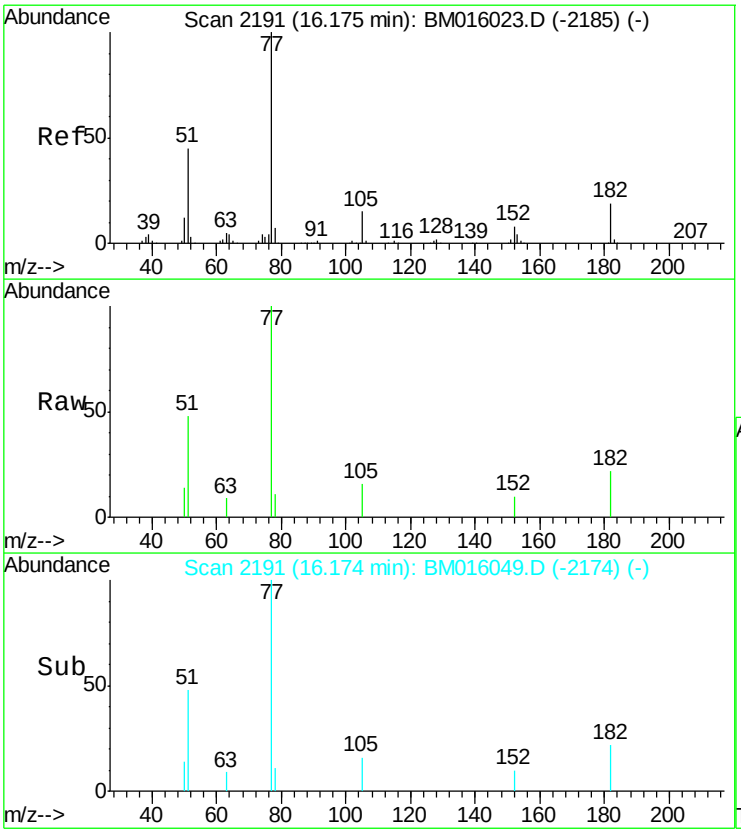
#60
4-Chlorophenyl-phenylether
Concen: 0.784 ng
RT: 15.89 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:204 Resp: 2856

Ion	Ratio	Lower	Upper
204	100		
206	40.6	26.6	39.8#
141	88.4	45.2	67.8#

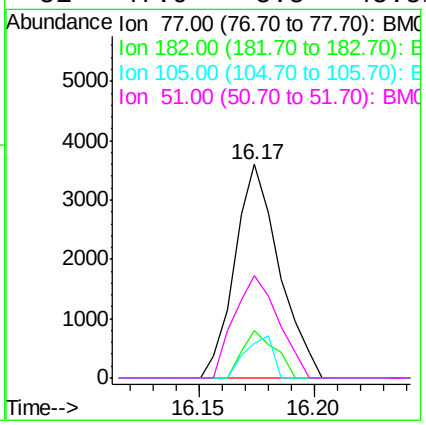


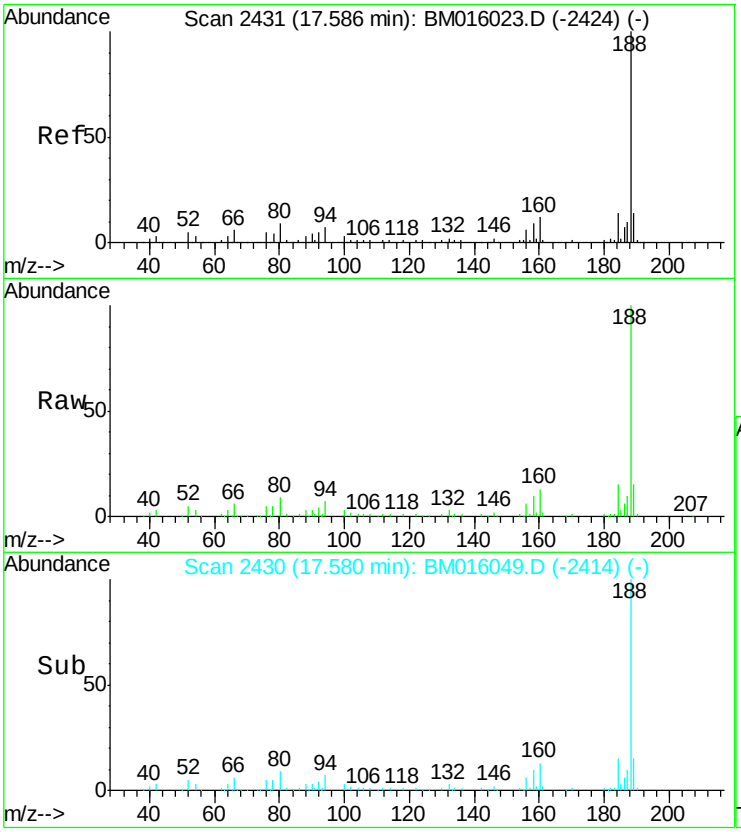


#62
Azobenzene
Concen: 0.576 ng
RT: 16.17 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion: 77 Resp: 4835

Ion	Ratio	Lower	Upper
77	100		
182	22.2	6.5	46.5
105	16.1	3.8	43.8
51	47.9	5.5	45.5#



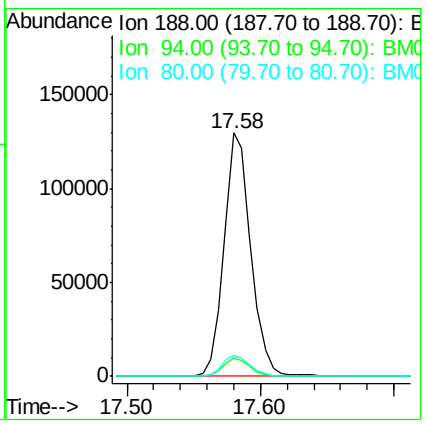


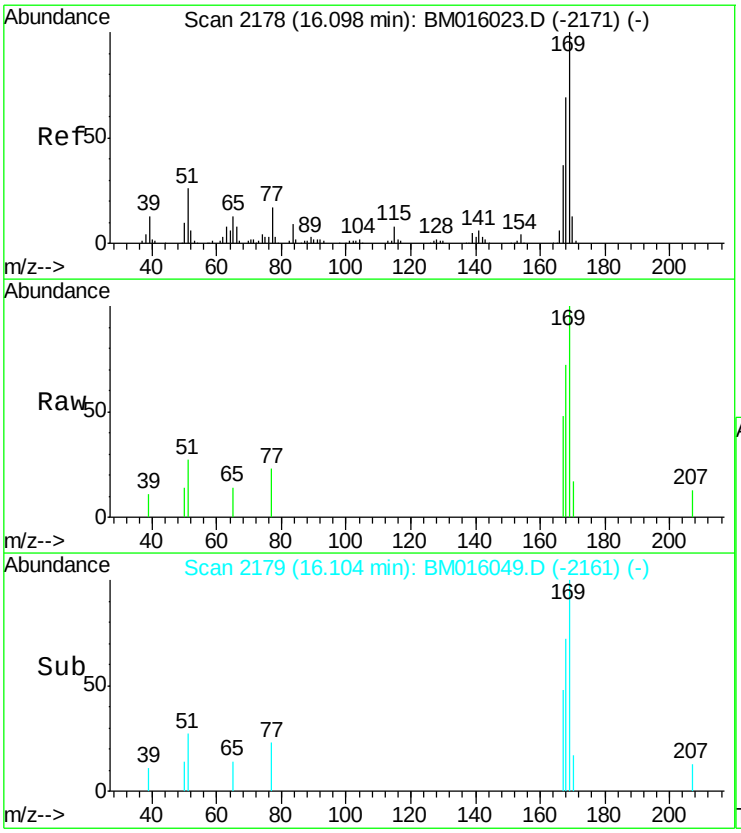
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.58 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:188 Resp: 181934

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	8.7	9.3	13.9#

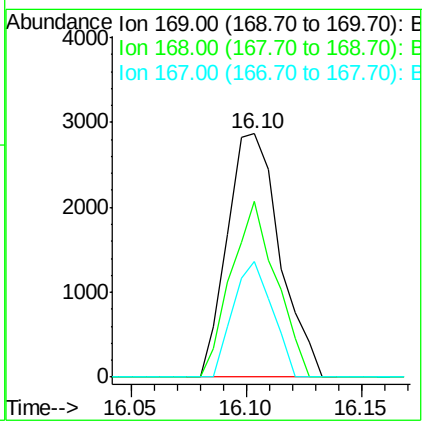


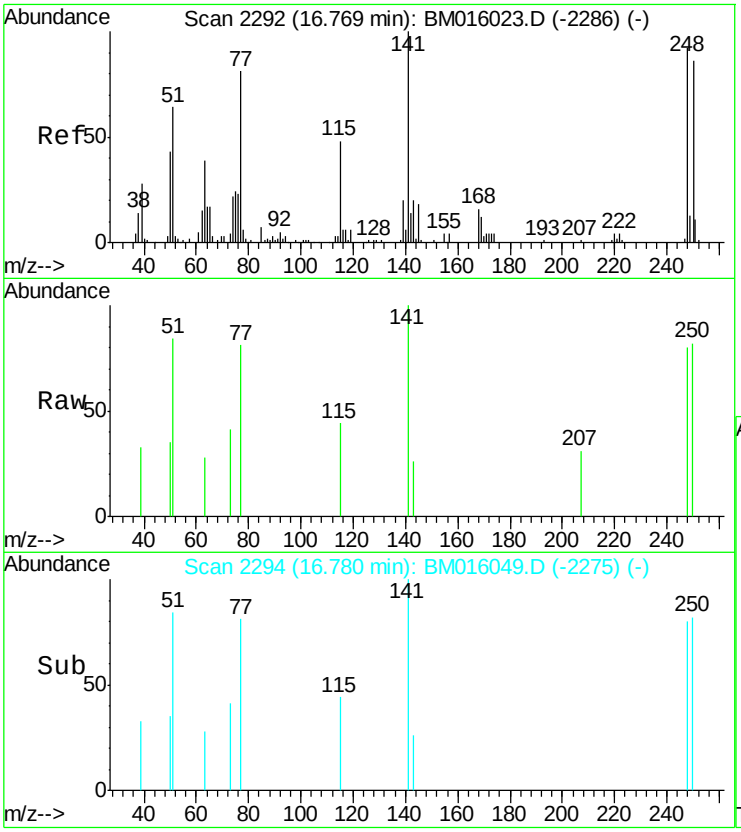


#65
n-Nitrosodiphenylamine
Concen: 0.757 ng
RT: 16.10 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:169 Resp: 4534

Ion	Ratio	Lower	Upper
169	100		
168	72.0	53.9	80.9
167	47.7	28.9	43.3#



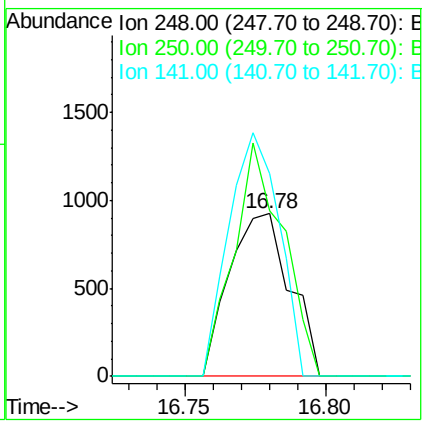


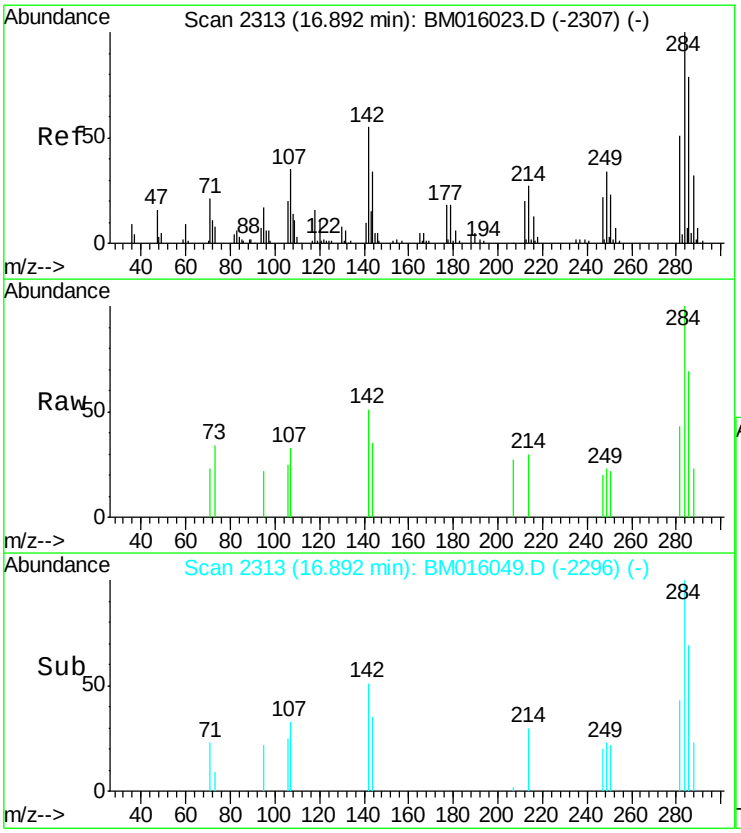
#66
4-Bromophenyl-phenylether
Concen: 0.670 ng
RT: 16.78 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:248 Resp: 1380

Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.4	116.0
141	124.6	45.2	67.8#

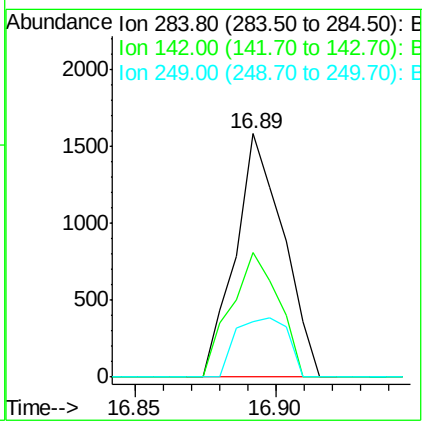


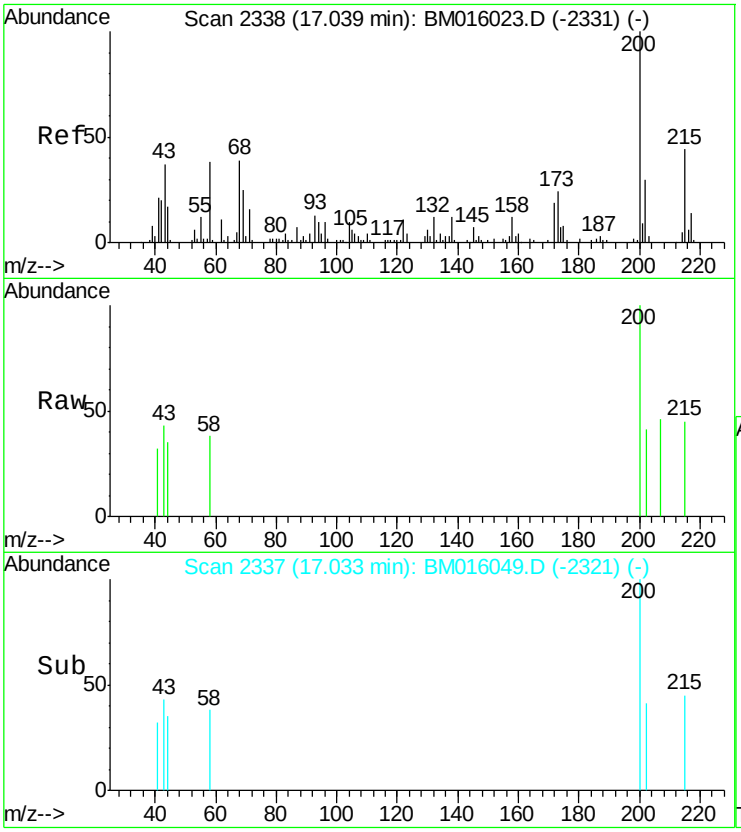


#67
Hexachlorobenzene
Concen: 0.822 ng
RT: 16.89 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:284 Resp: 1865

Ion	Ratio	Lower	Upper
284	100		
142	50.9	20.4	30.6#
249	22.5	23.8	35.6#



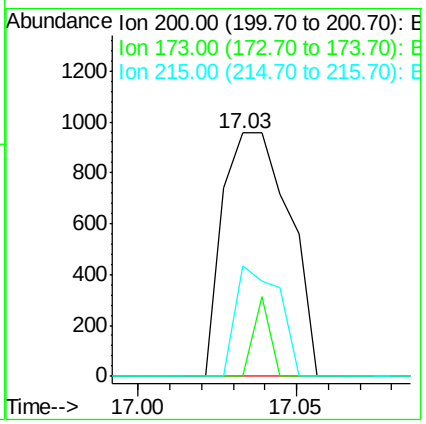


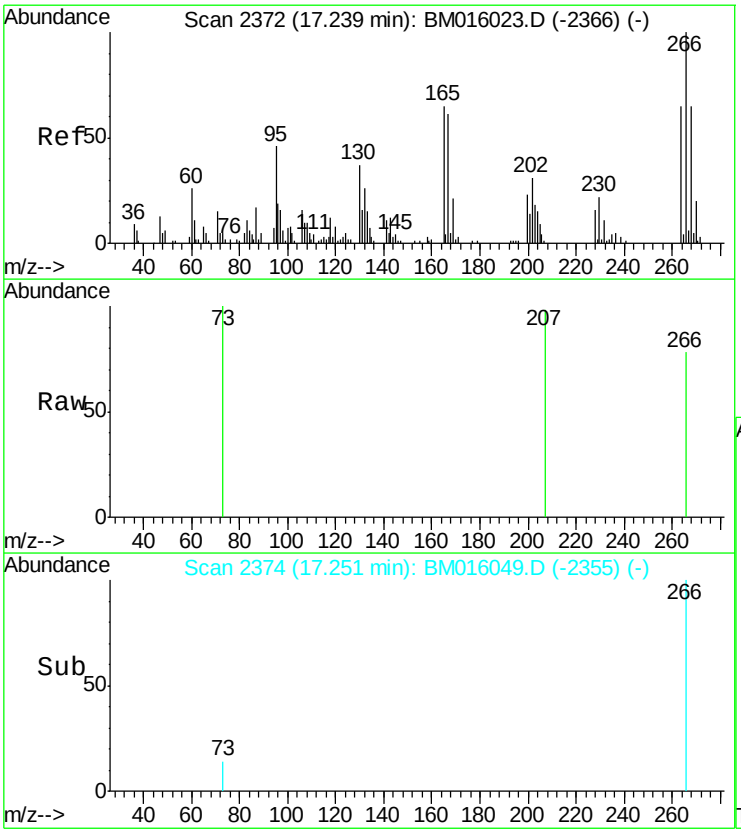
#68
Atrazine
Concen: 0.646 ng
RT: 17.03 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:200 Resp: 1388

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.8	44.8#
215	45.1	26.9	66.9

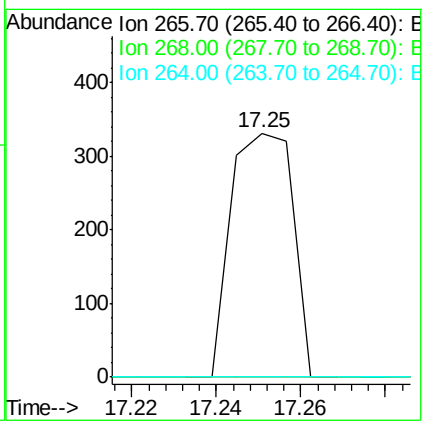


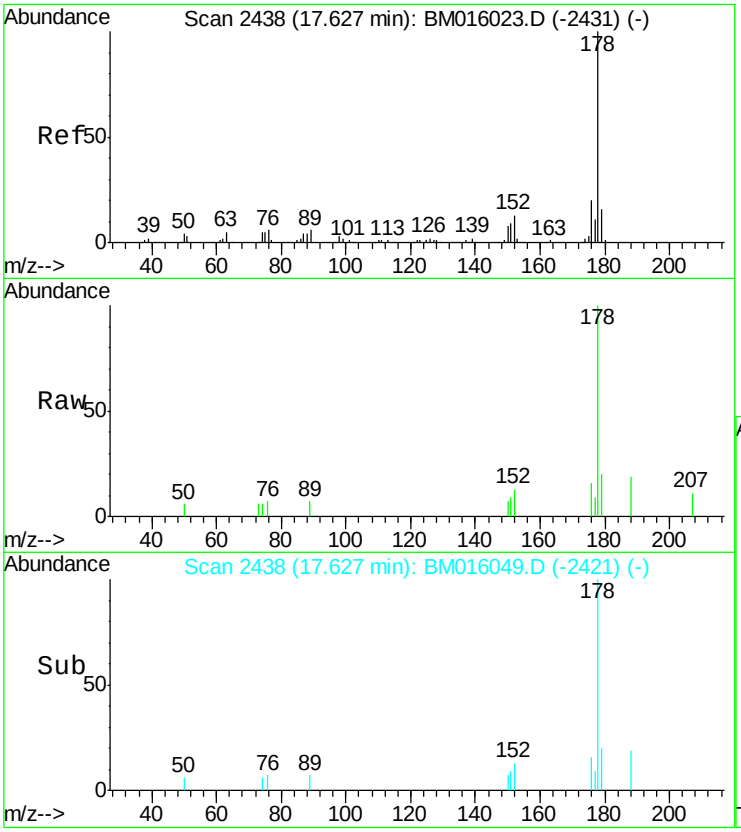


#69
Pentachlorophenol
Concen: 0.239 ng
RT: 17.25 min Scan# 2374
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:266 Resp: 336

Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.0	78.0#
264	0.0	49.0	73.4#



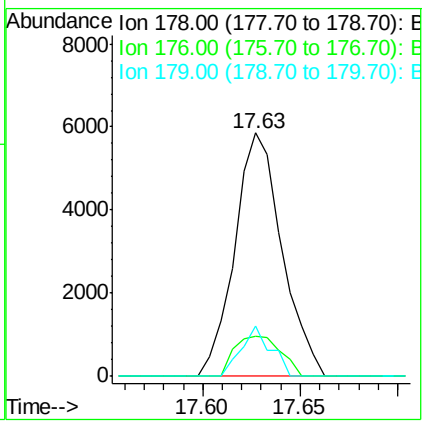


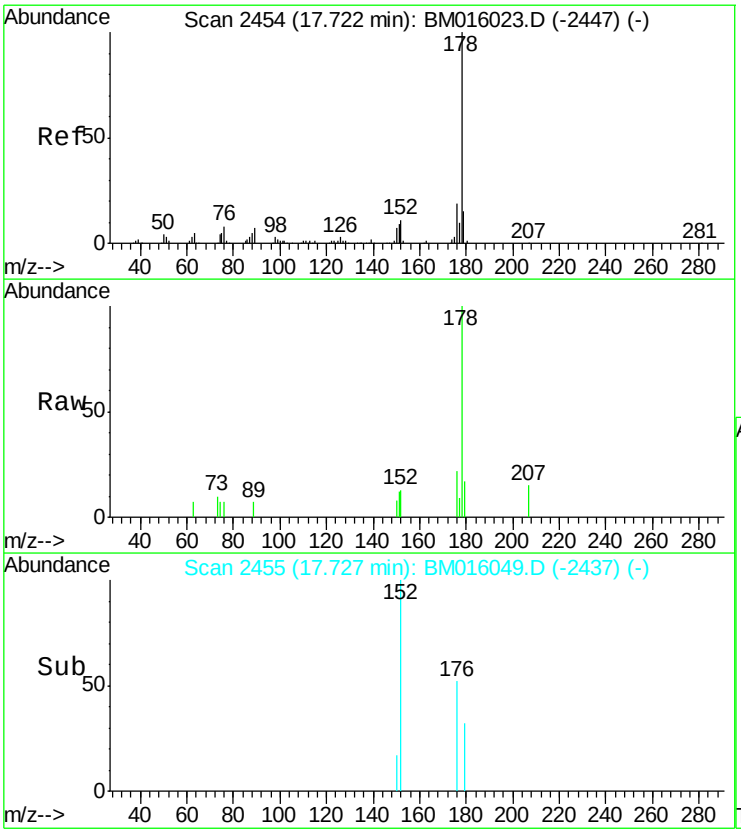
#70
Phenanthrene
Concen: 0.960 ng
RT: 17.63 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:178 Resp: 9778

Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.2	22.8
179	20.4	12.1	18.1#

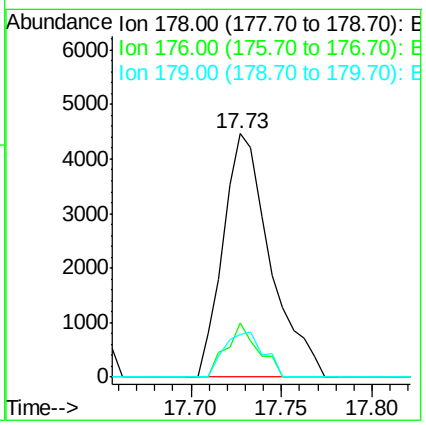


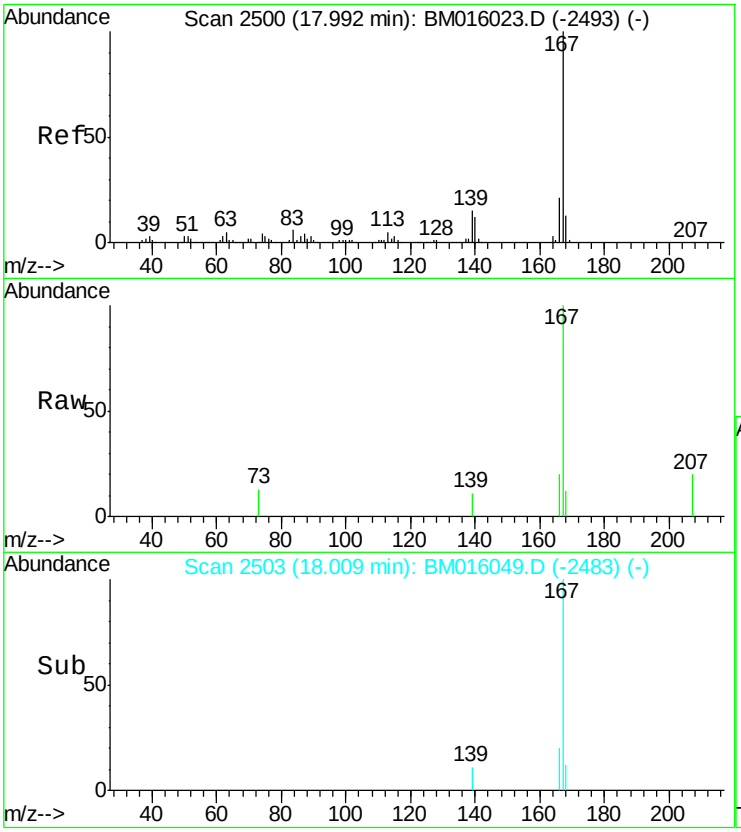


#71
Anthracene
Concen: 0.814 ng
RT: 17.73 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:178 Resp: 8056

Ion	Ratio	Lower	Upper
178	100		
176	22.4	14.6	22.0#
179	17.4	12.6	19.0



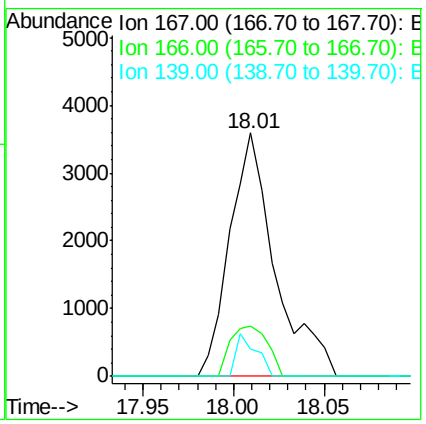


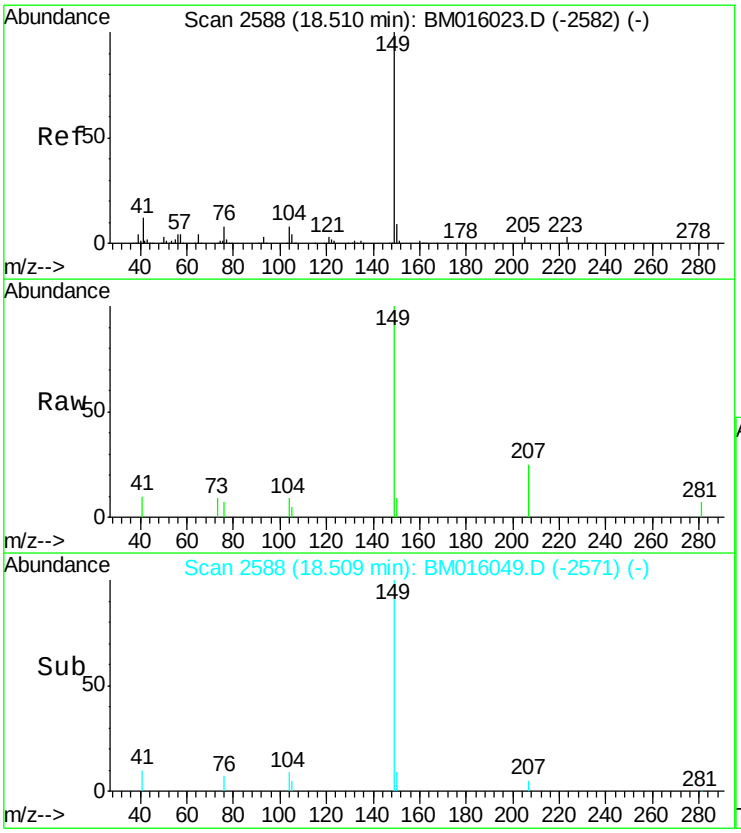
#72
Carbazole
Concen: 0.613 ng
RT: 18.01 min Scan# 2503
Delta R.T. 0.02 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:167 Resp: 6284

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.2	25.8
139	11.2	10.8	16.2

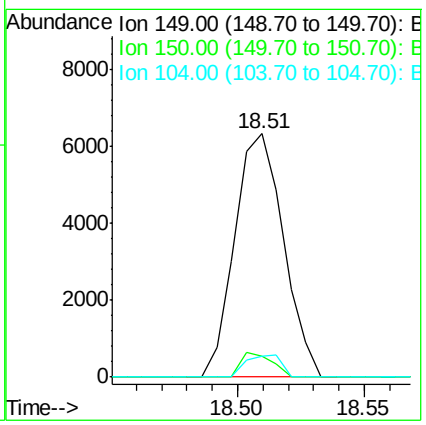


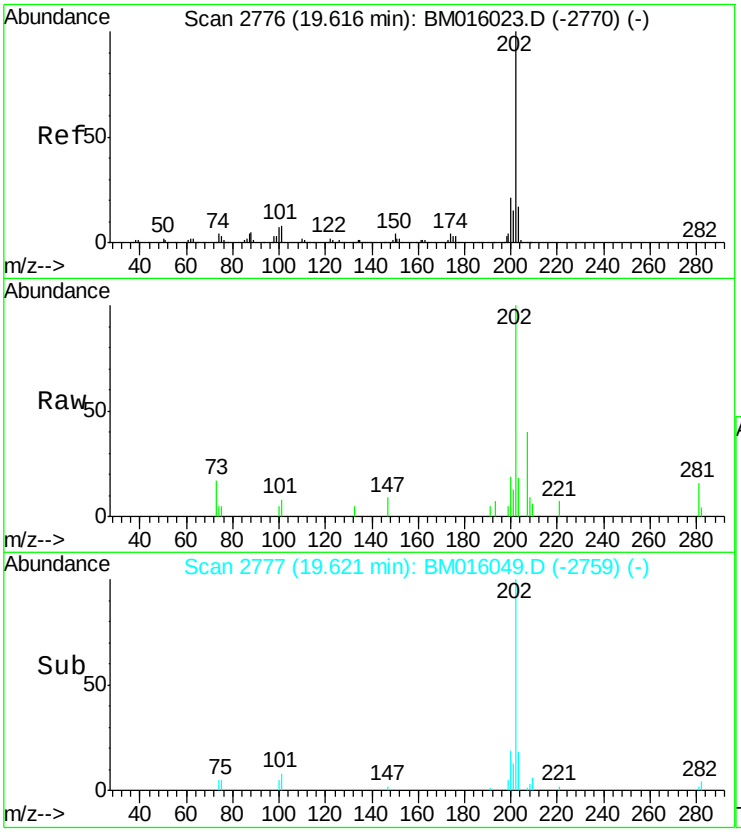


#73
Di-n-butylphthalate
Concen: 0.663 ng
RT: 18.51 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:149 Resp: 8467

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	8.5	3.7	5.5#



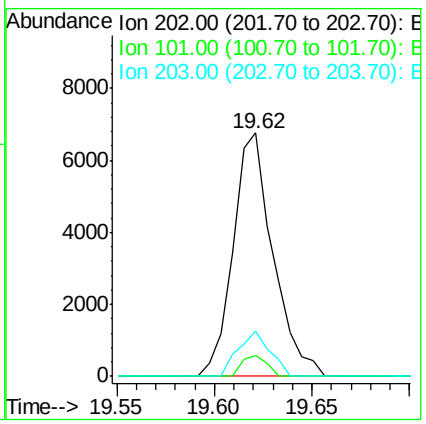


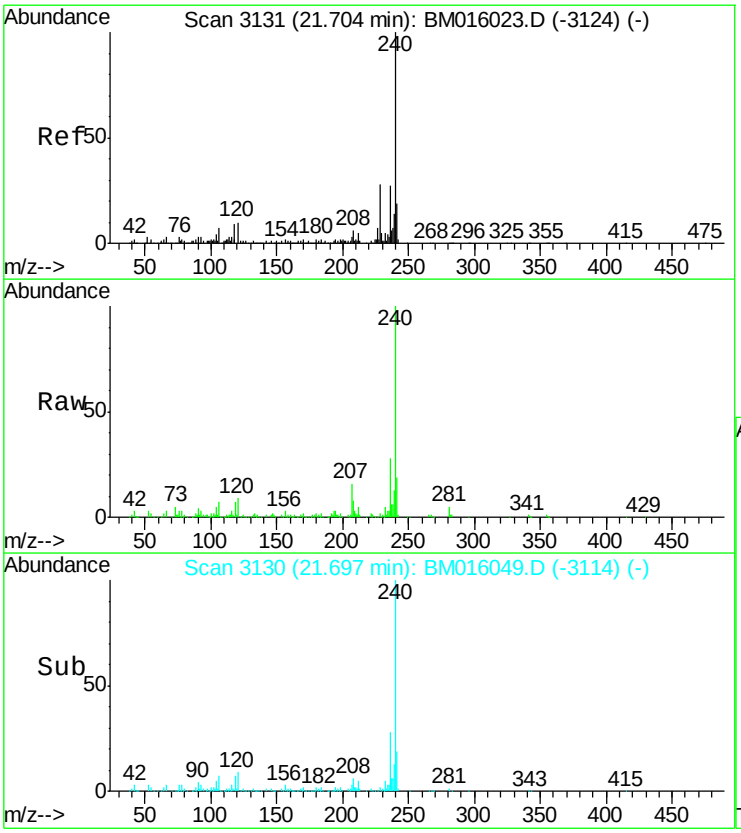
#74
Fluoranthene
Concen: 0.843 ng
RT: 19.62 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:202 Resp: 9578

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.7
203	18.5	0.0	37.2

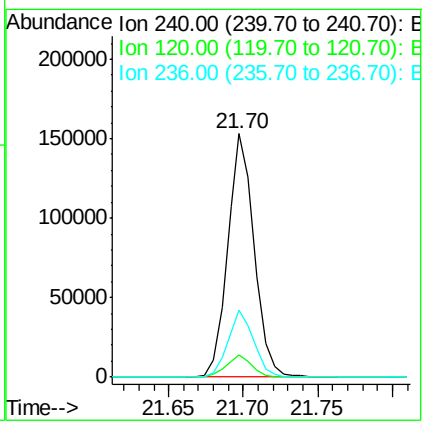


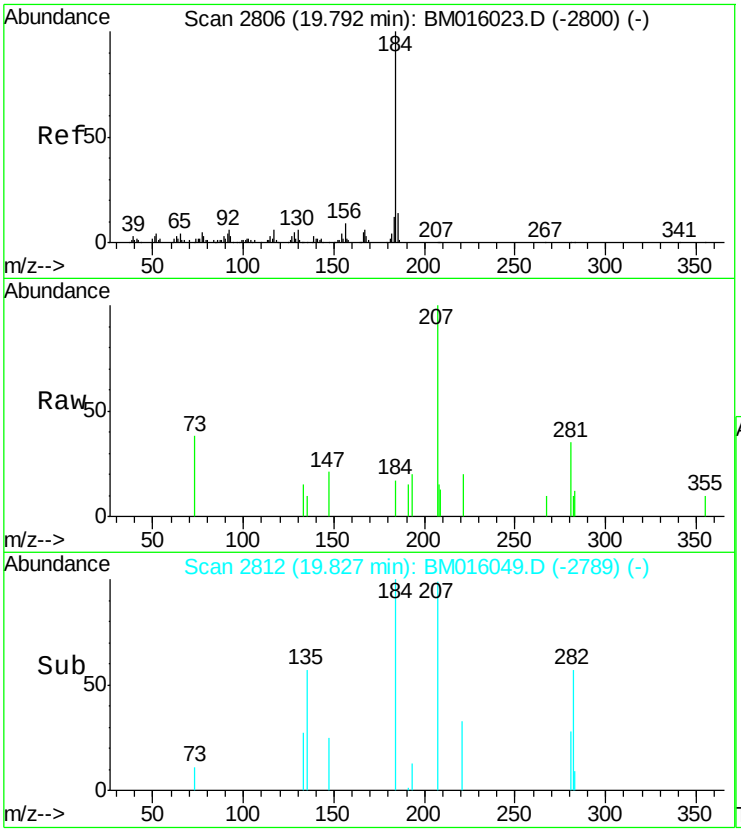


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:240 Resp: 189523

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.2	12.2
236	27.6	20.0	30.0



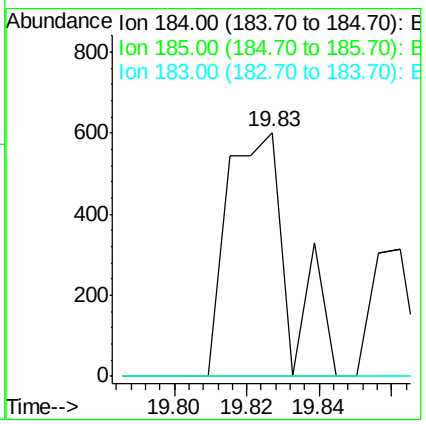


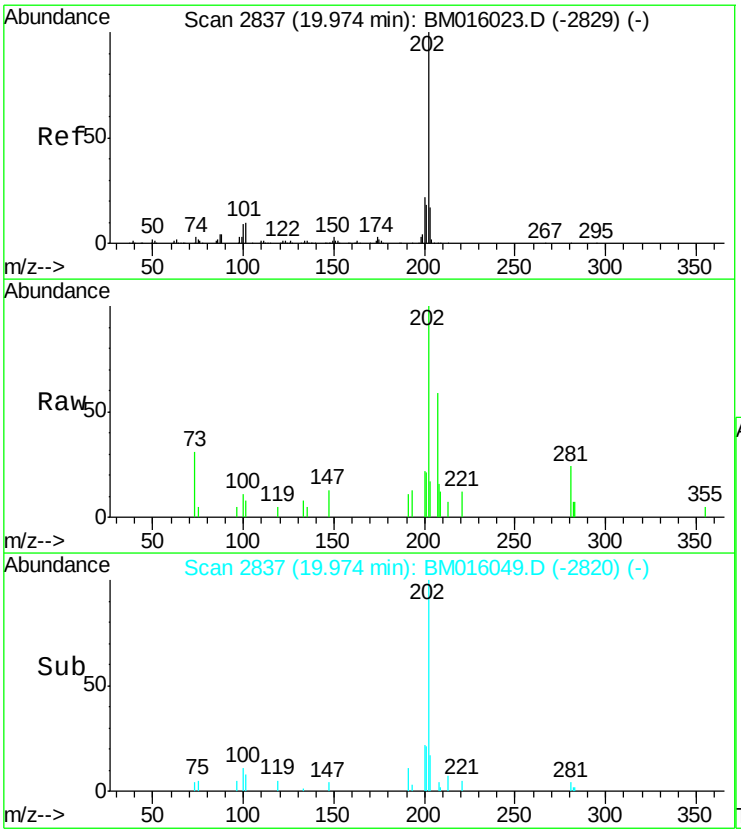
#76
Benzidine
Concen: 0.134 ng
RT: 19.83 min Scan# 2812
Delta R.T. 0.03 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:184 Resp: 712

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.3	16.9#
183	0.0	8.9	13.3#

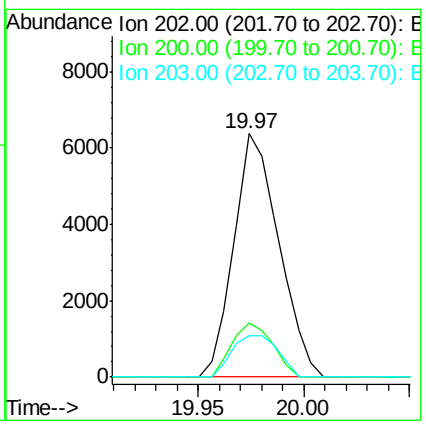


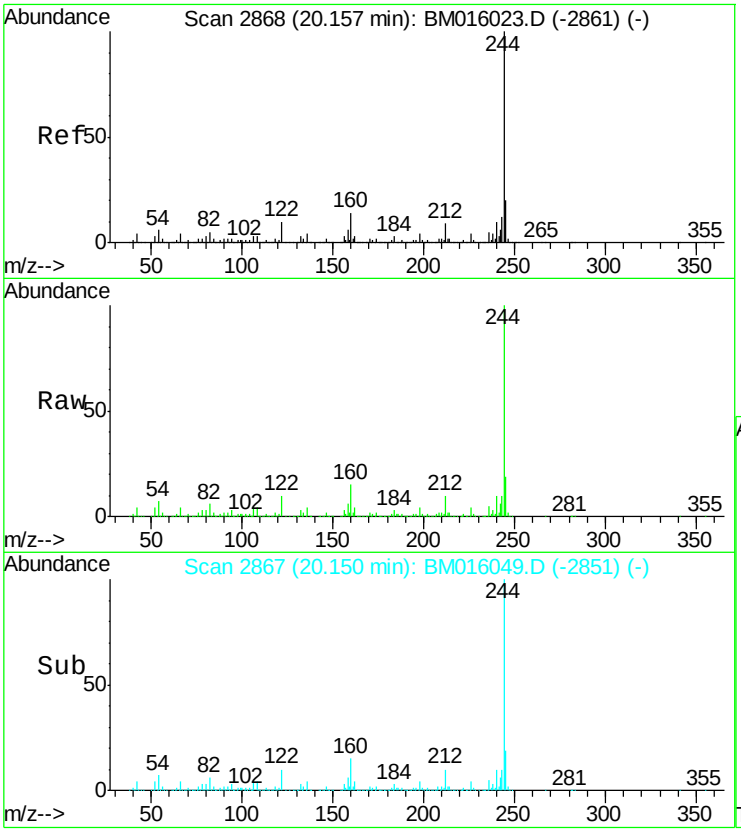


#77
Pyrene
Concen: 0.830 ng
RT: 19.97 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:202 Resp: 9423

Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.9	25.3
203	17.0	14.1	21.1



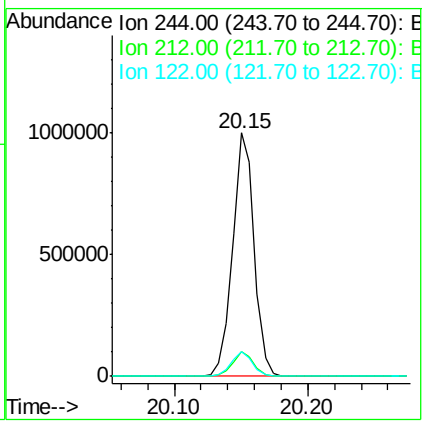


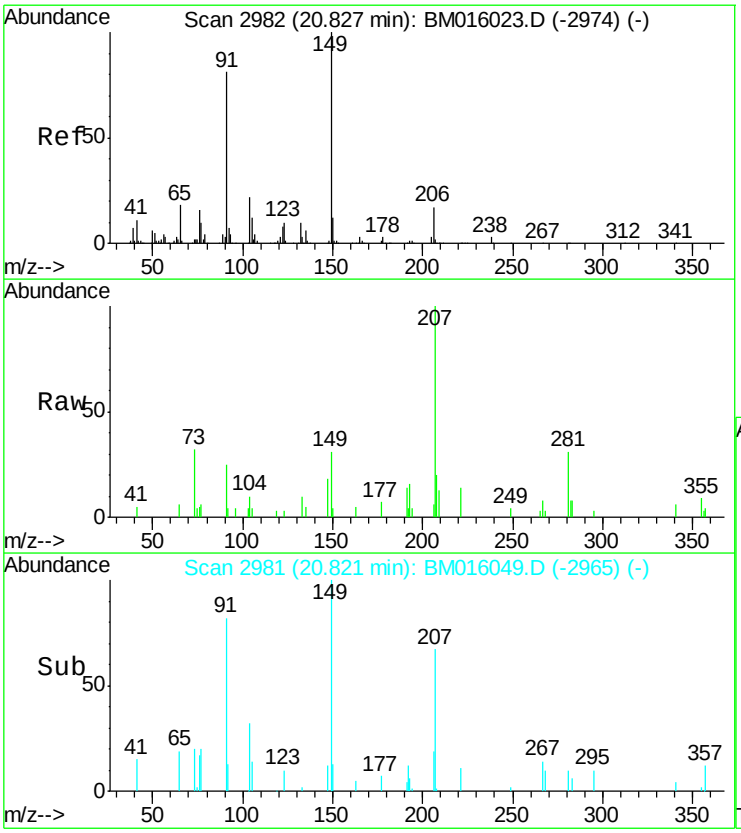
#78
Terphenyl-d14
Concen: 0.830 ng
RT: 20.15 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:244 Resp: 1120612

Ion	Ratio	Lower	Upper
244	100		
212	9.9	4.9	7.3#
122	10.0	6.2	9.4#

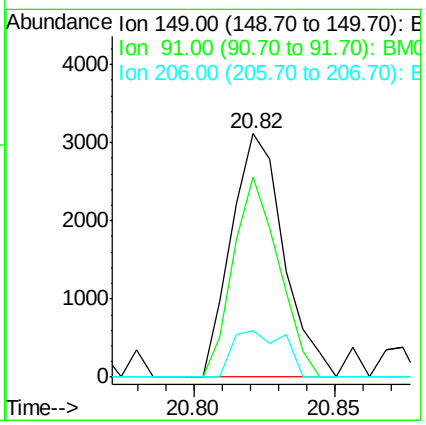


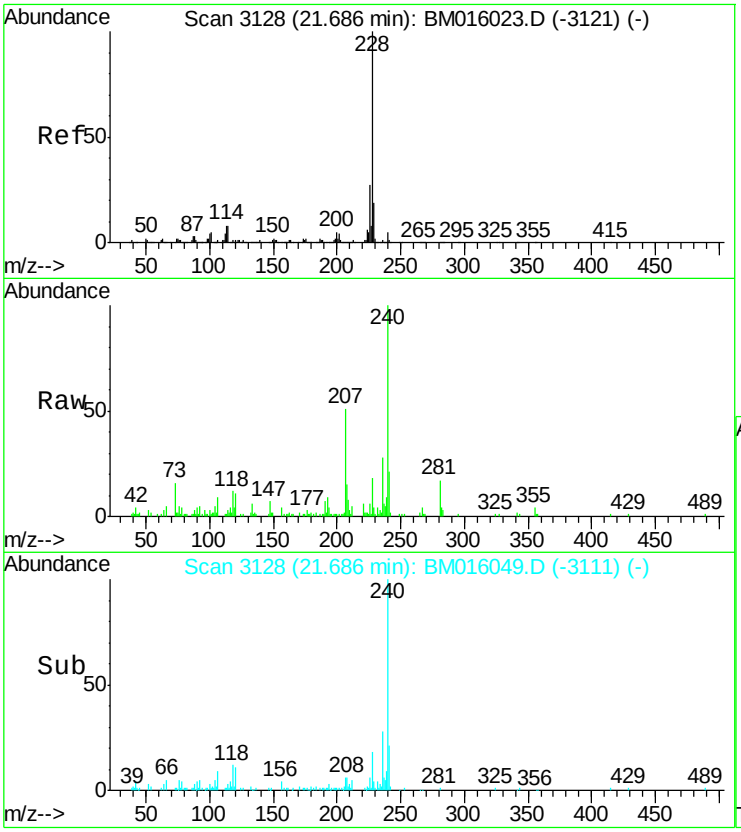


#79
Butylbenzylphthalate
Concen: 0.696 ng
RT: 20.82 min Scan# 2981
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:149 Resp: 4013

Ion	Ratio	Lower	Upper
149	100		
91	82.1	50.1	75.1#
206	18.9	16.2	24.2



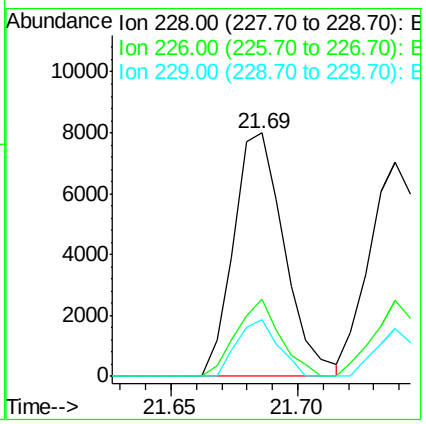


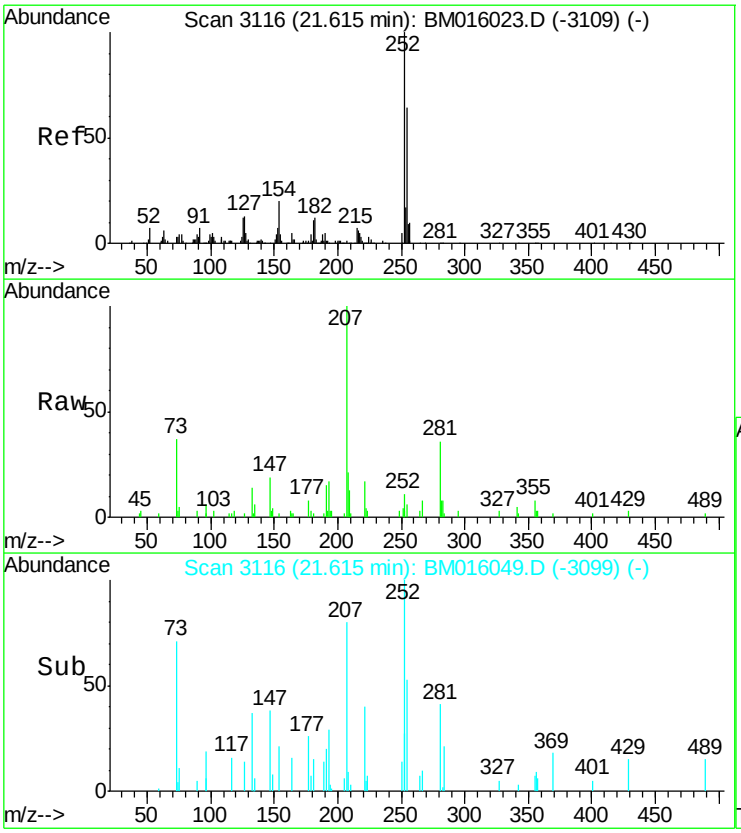
#80
Benzo(a)anthracene
Concen: 0.958 ng
RT: 21.69 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:228 Resp: 11181

Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.7	32.5
229	23.3	16.0	24.0

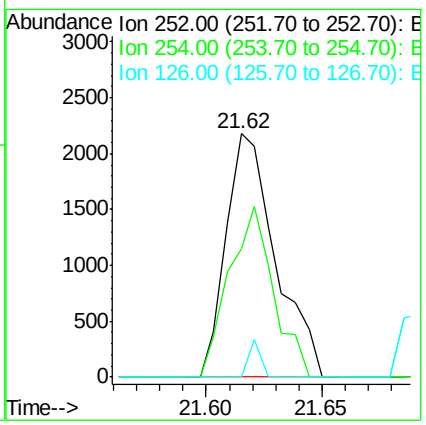


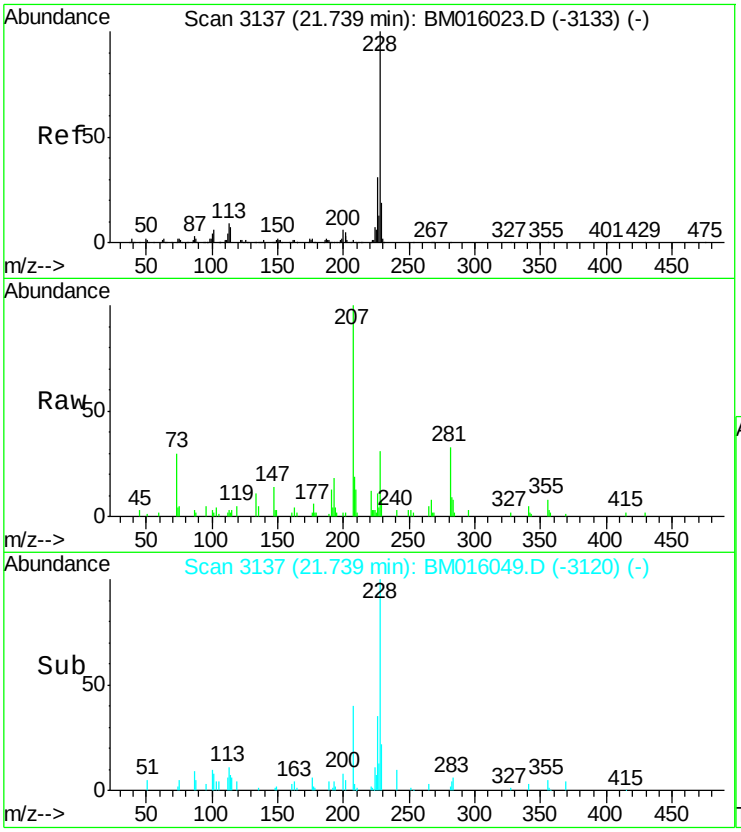


#81
3,3'-Dichlorobenzidine
Concen: 0.692 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:252 Resp: 3252

Ion	Ratio	Lower	Upper
252	100		
254	52.5	51.9	77.9
126	0.0	9.8	14.8#



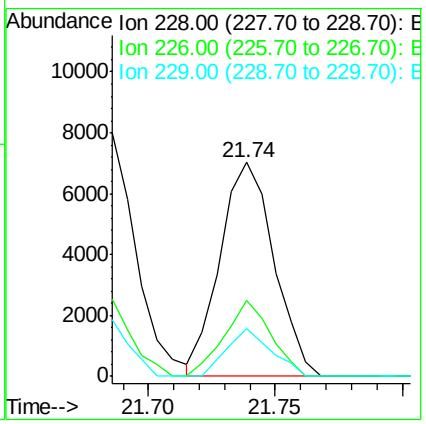


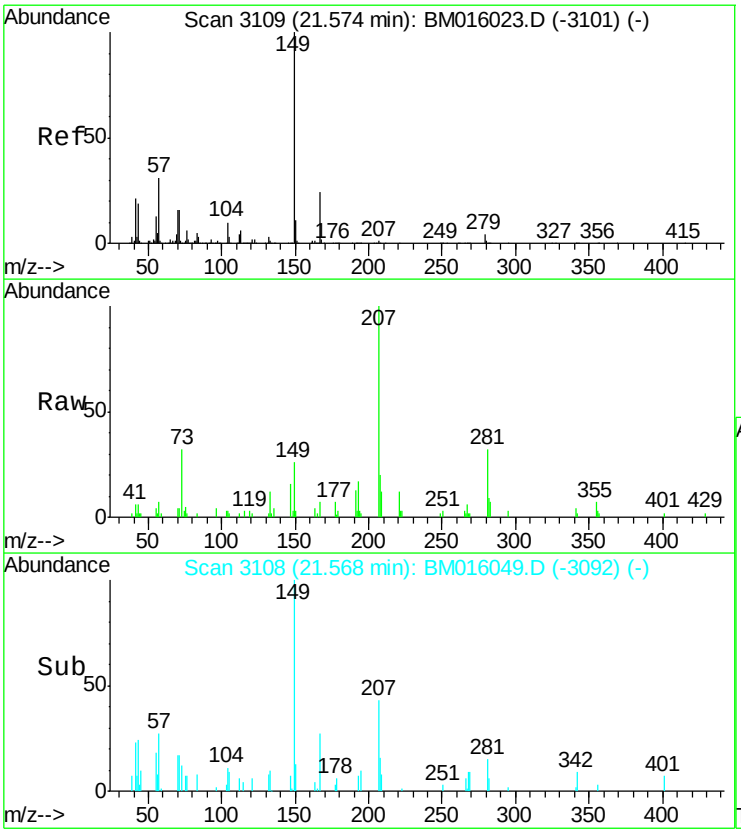
#82
Chrysene
Concen: 0.930 ng
RT: 21.74 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:228 Resp: 10412

Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.1	36.1
229	22.3	15.5	23.3

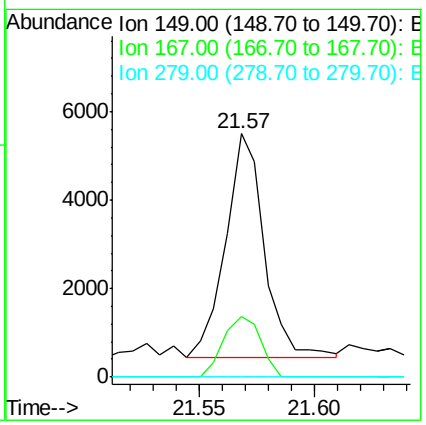


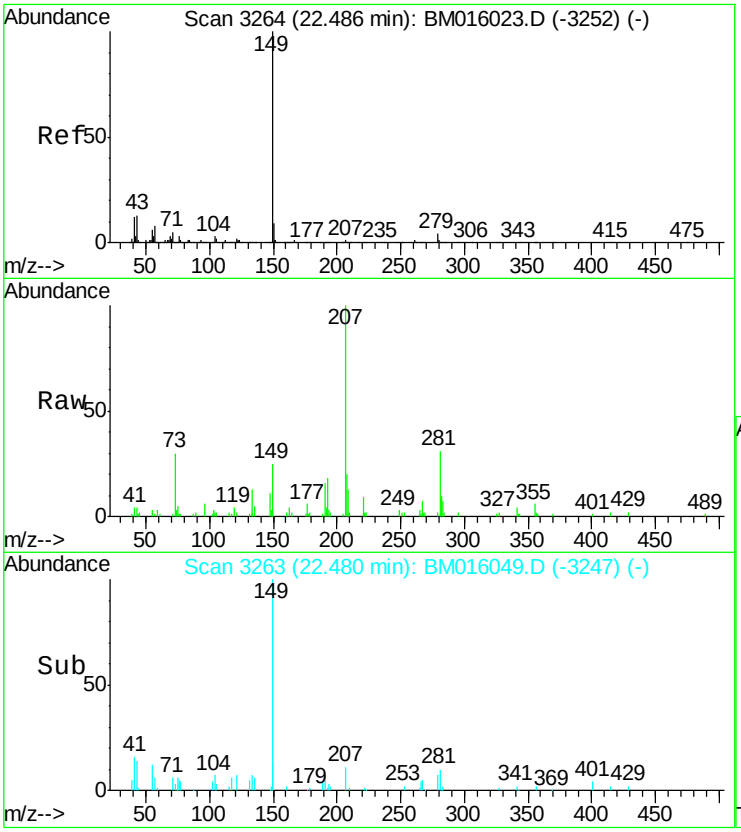


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.703 ng
RT: 21.57 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:149 Resp: 5879

Ion	Ratio	Lower	Upper
149	100		
167	24.9	22.4	33.6
279	0.0	3.4	5.0#



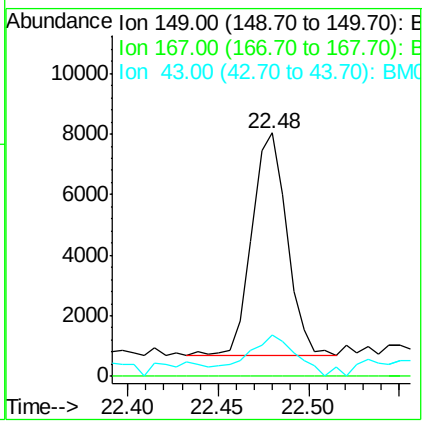


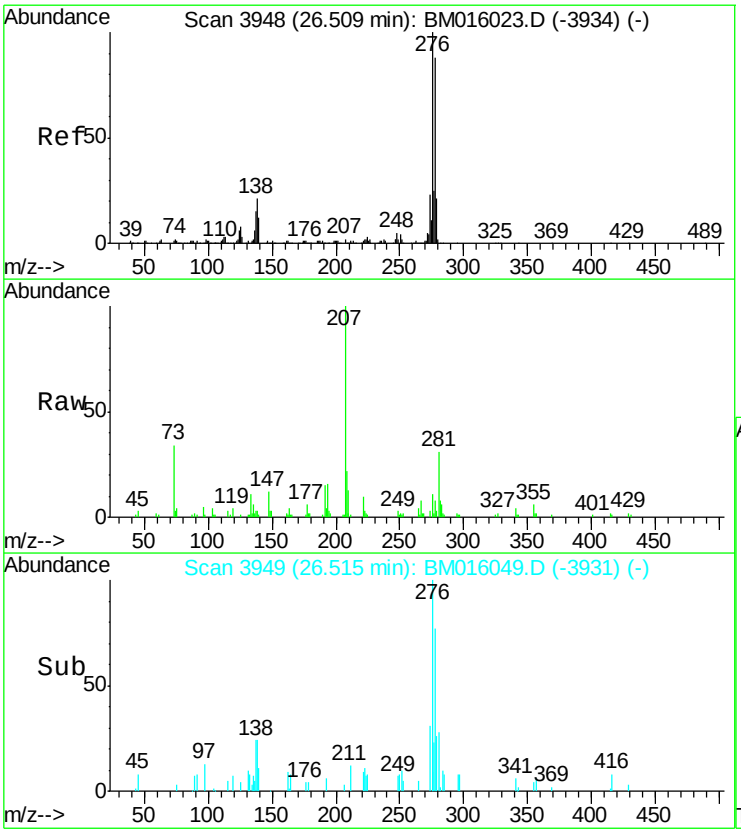
#84
Di-n-octyl phthalate
Concen: 0.705 ng
RT: 22.48 min Scan# 3263
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:149 Resp: 9903

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	26.0	7.3	10.9#

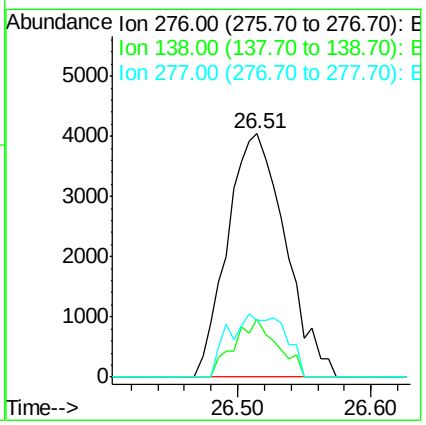


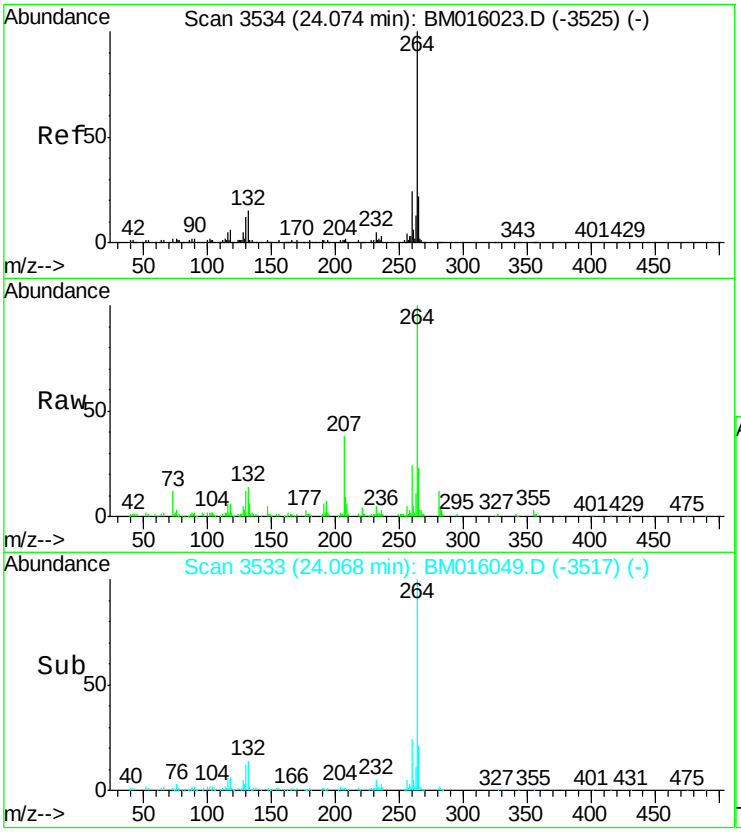


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.917 ng
RT: 26.51 min Scan# 3949
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:276 Resp: 12188

Ion	Ratio	Lower	Upper
276	100		
138	17.9	12.0	18.0
277	25.4	20.0	30.0



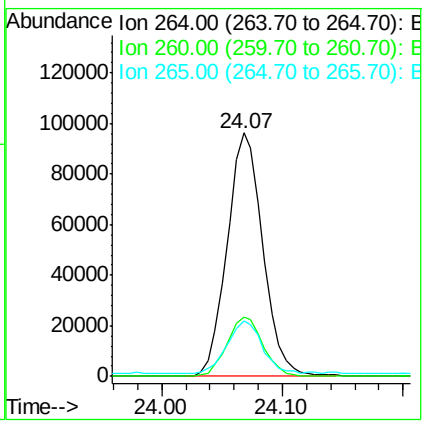


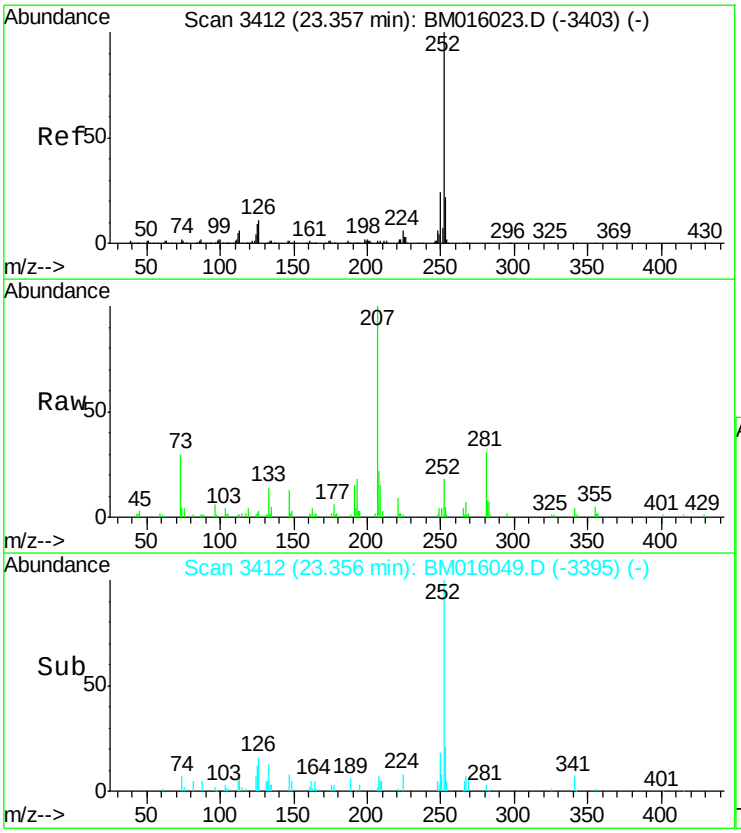
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.07 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:264 Resp: 197816

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.7	17.3	25.9

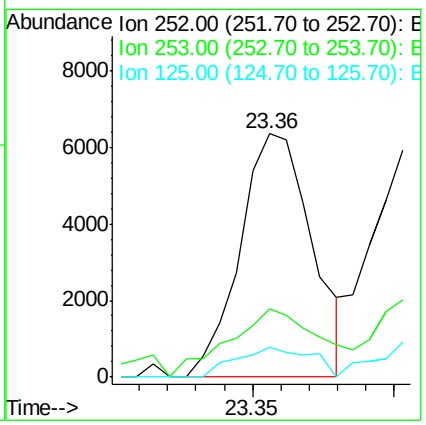


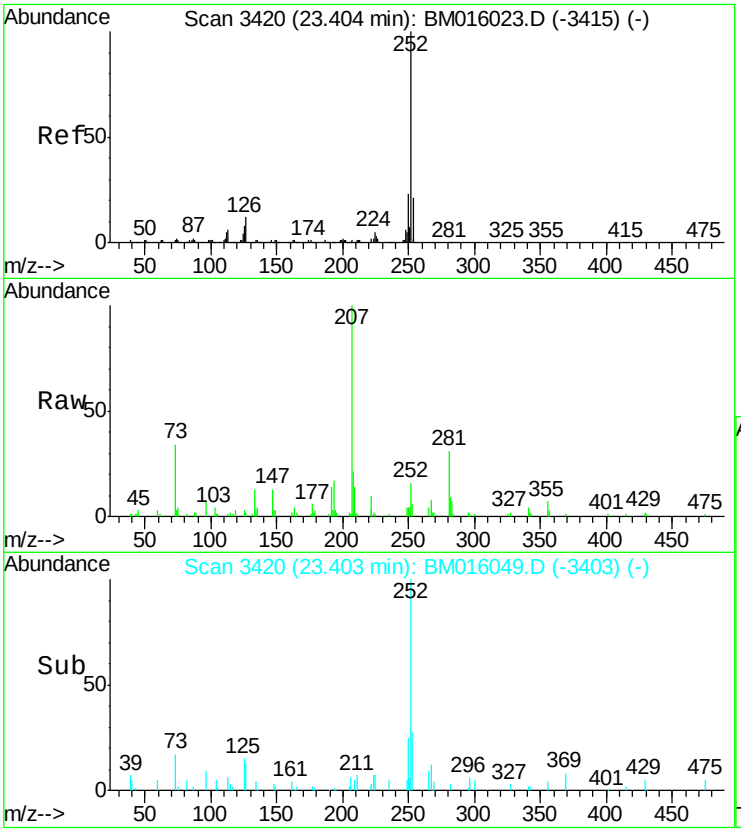


#87
Benzo(b)fluoranthene
Concen: 0.965 ng
RT: 23.36 min Scan# 3412
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:252 Resp: 11239

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.0	27.0#
125	12.4	9.9	14.9



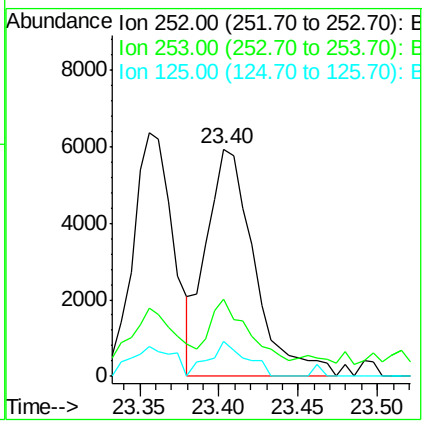


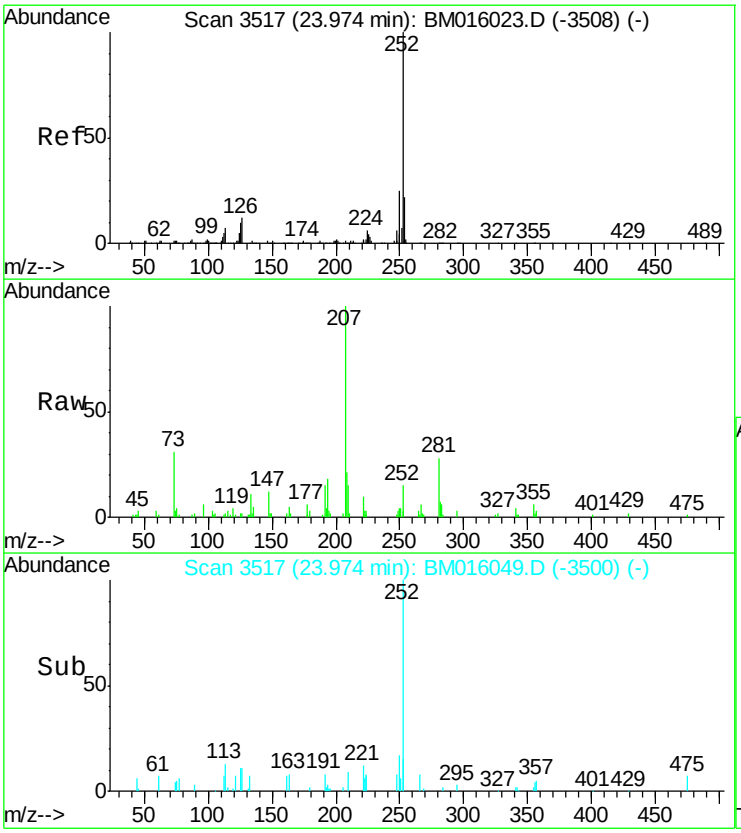
#88
Benzo(k)fluoranthene
Concen: 1.062 ng
RT: 23.40 min Scan# 3420
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:252 Resp: 12537

Ion	Ratio	Lower	Upper
252	100		
253	33.7	17.2	25.8#
125	15.2	8.1	12.1#

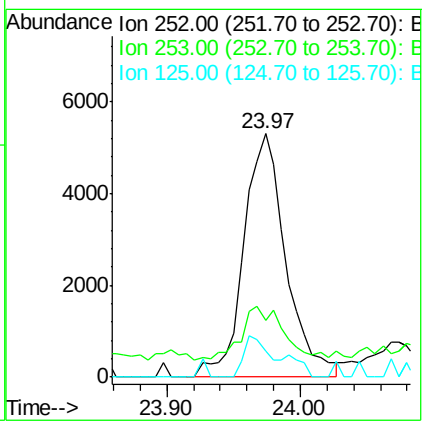


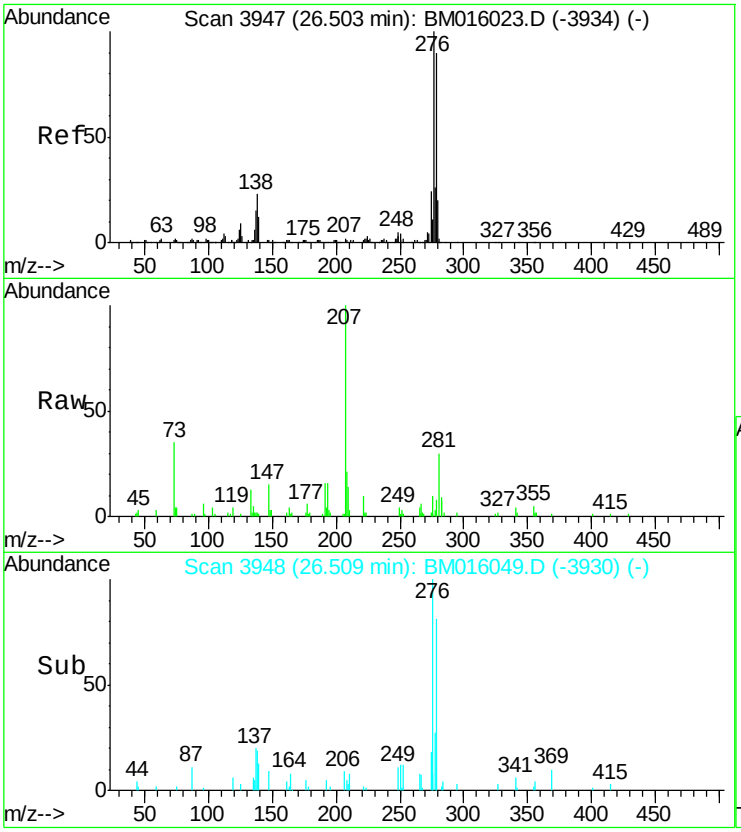


#89
Benzo(a)pyrene
Concen: 1.034 ng
RT: 23.97 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:252 Resp: 11572

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	10.8	7.4	11.2



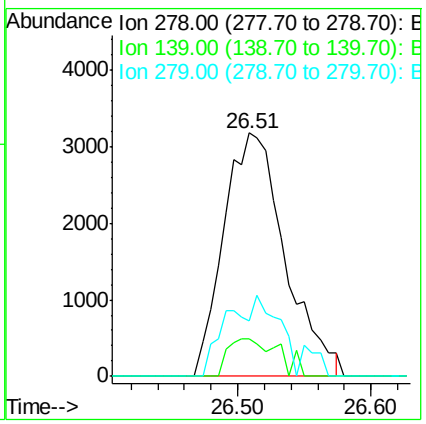


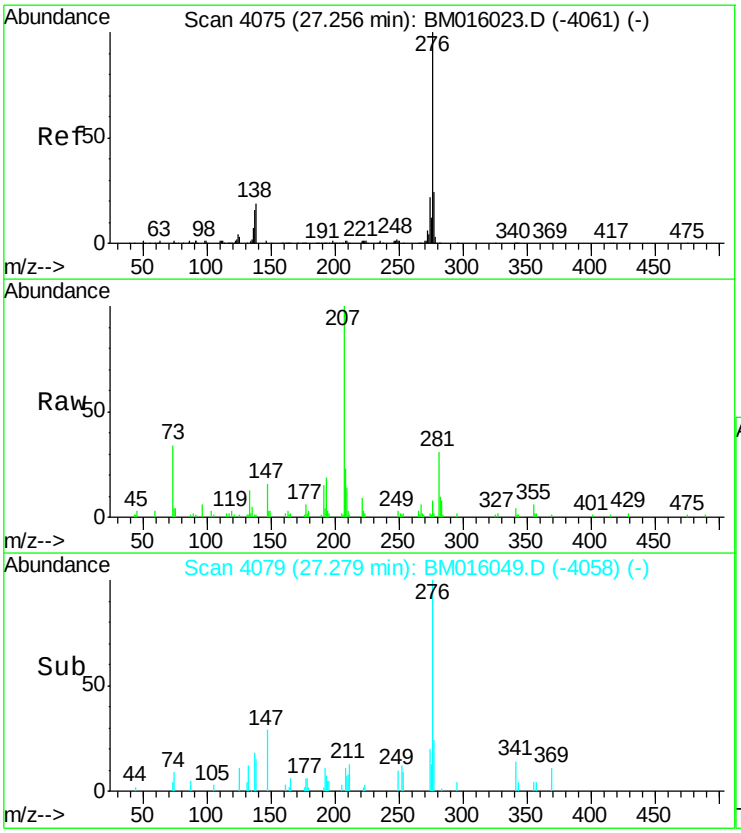
#90
Dibenzo(a,h)anthracene
Concen: 0.873 ng
RT: 26.51 min Scan# 3948
Delta R.T. 0.01 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:278 Resp: 10123

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.4	20.0
279	22.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 0.962 ng
RT: 27.28 min Scan# 4079
Delta R.T. 0.02 min
Lab File: BM016049.D
Acq: 24 Jul 2018 05:26

Tgt Ion:276 Resp: 10559

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.5	27.7
138	14.7	19.0	28.6#