Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034107.D
Acq On : 2 May 2018 9:17
Operator : SJ/JU
Sample : J2133-09
Misc : 8PPM MDL
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2018

Quant Time: May 02 13:57:17 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	63939	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	271578	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	210353	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	561398	20.00	ng		0.00
75) Chrysene-d12	21.76	240	612587	20.00	ng		0.00
86) Perylene-d12	25.05	264	601721	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	530557	134.06	ng		0.00
7) Phenol-d6	7.22	99	801617	130.11	ng		0.00
23) Nitrobenzene-d5	9.23	82	586291	82.83	ng		0.00
41) 2,4,6-Tribromophenol	16.20	330	383653	131.71	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1232366	85.37	ng		0.00
78) Terphenyl-d14	20.09	244	2330033	83.32	ng		0.00
Target Compounds							Qvalue
40) Hexachlorocyclopentadiene	12.89	237	37109	7.694	ng		89
53) 2,4-Dinitrophenol	14.81	184	9865	7.198	ng	#	56
69) Pentachlorophenol	17.11	266	35200	7.138	ng		90

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

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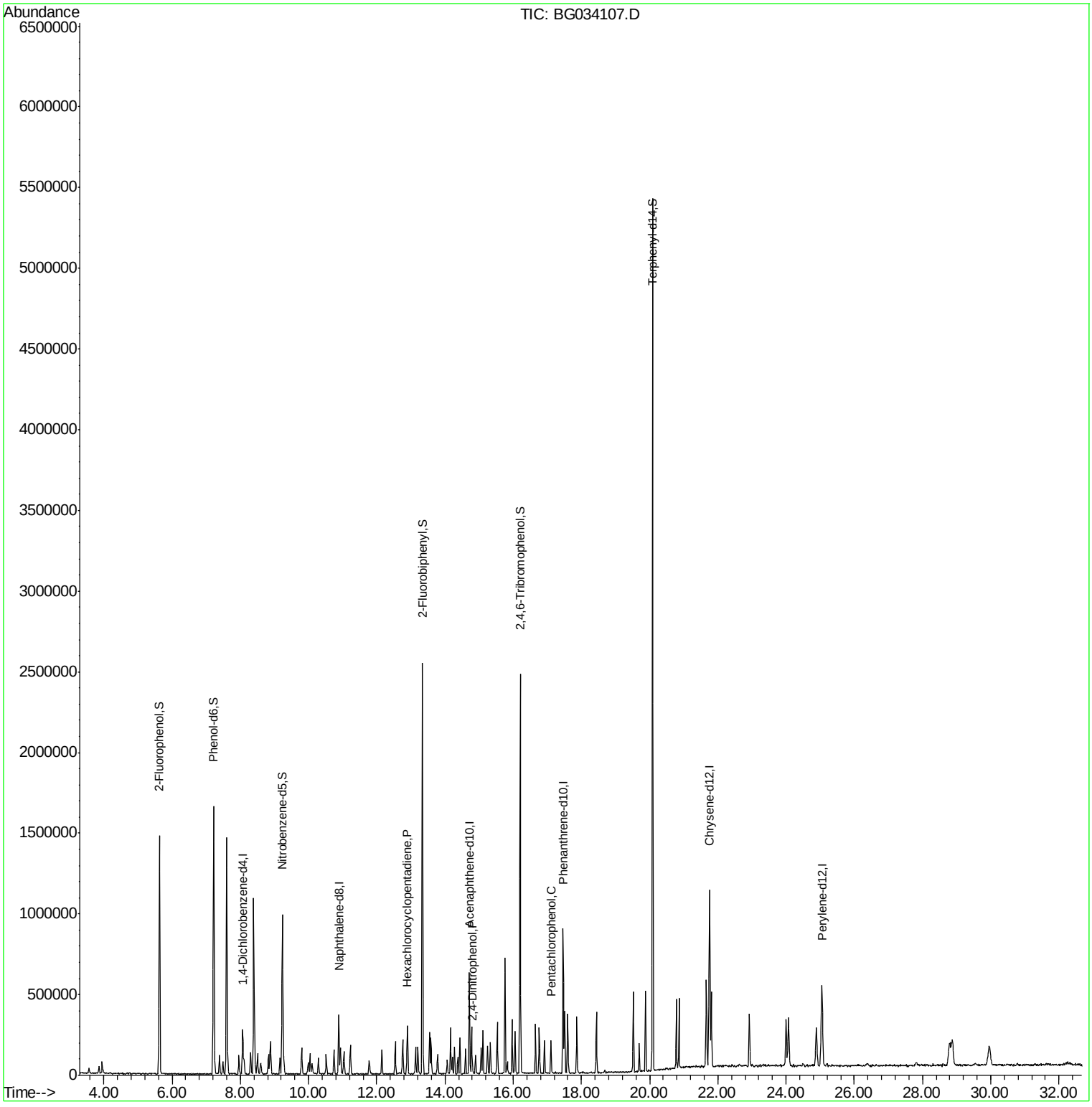
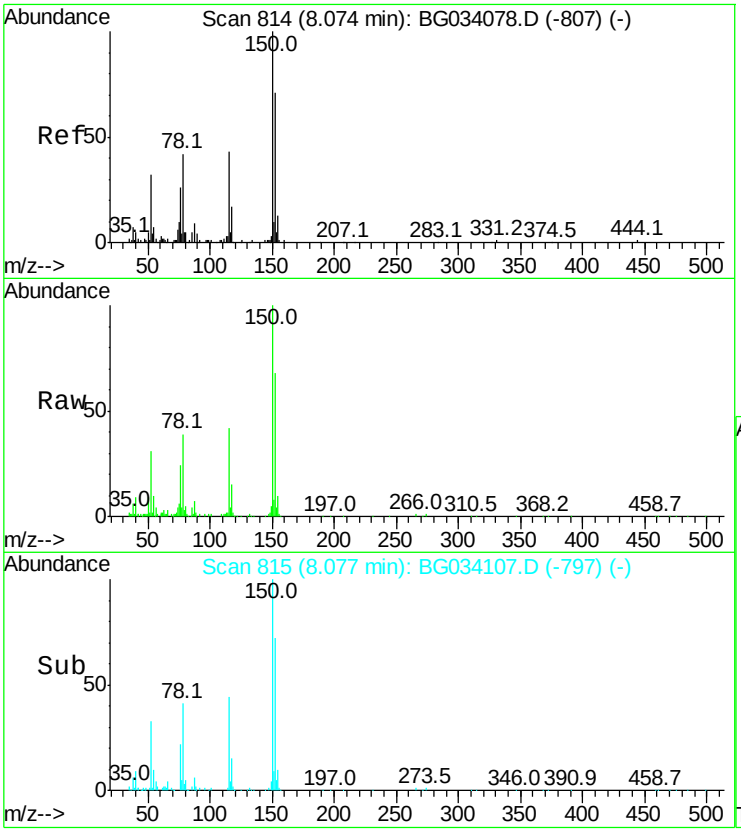


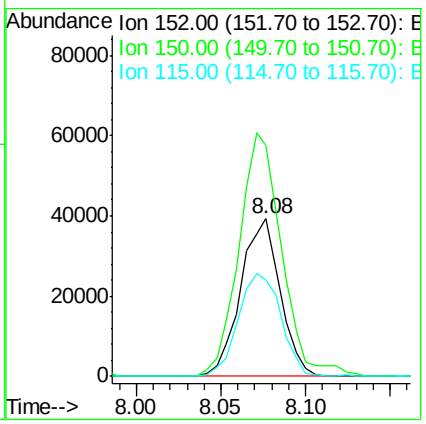
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

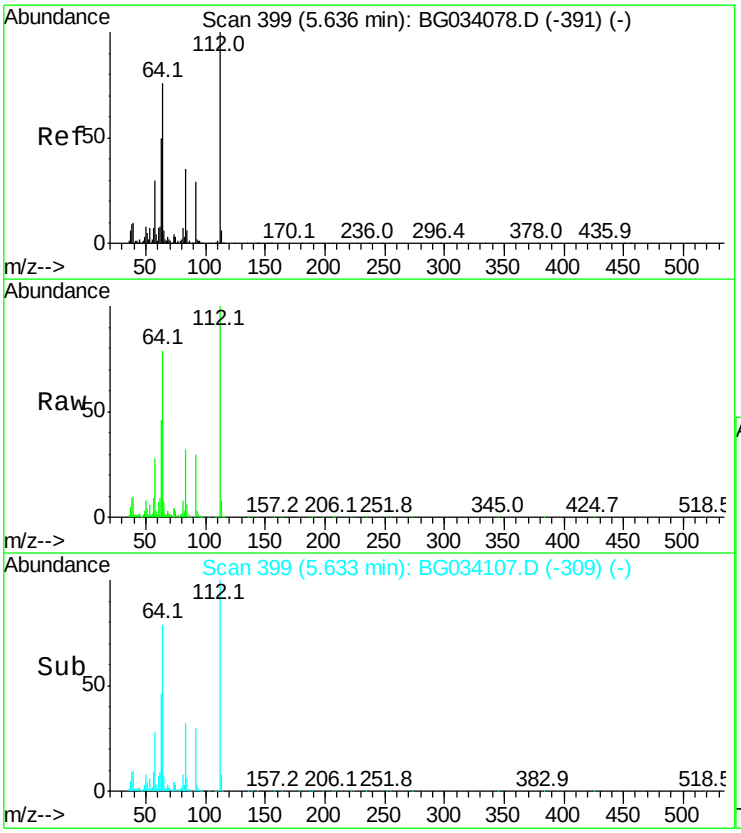


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Tgt Ion:152 Resp: 63939

Ion	Ratio	Lower	Upper
152	100		
150	146.7	126.6	189.8
115	61.6	53.0	79.4

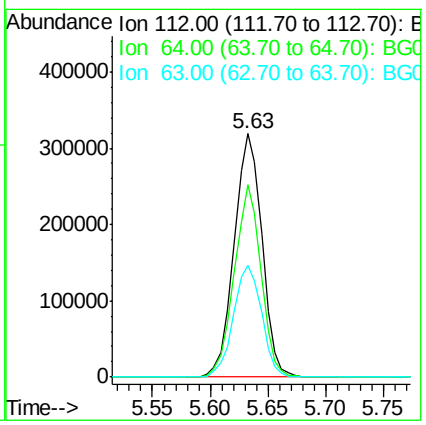


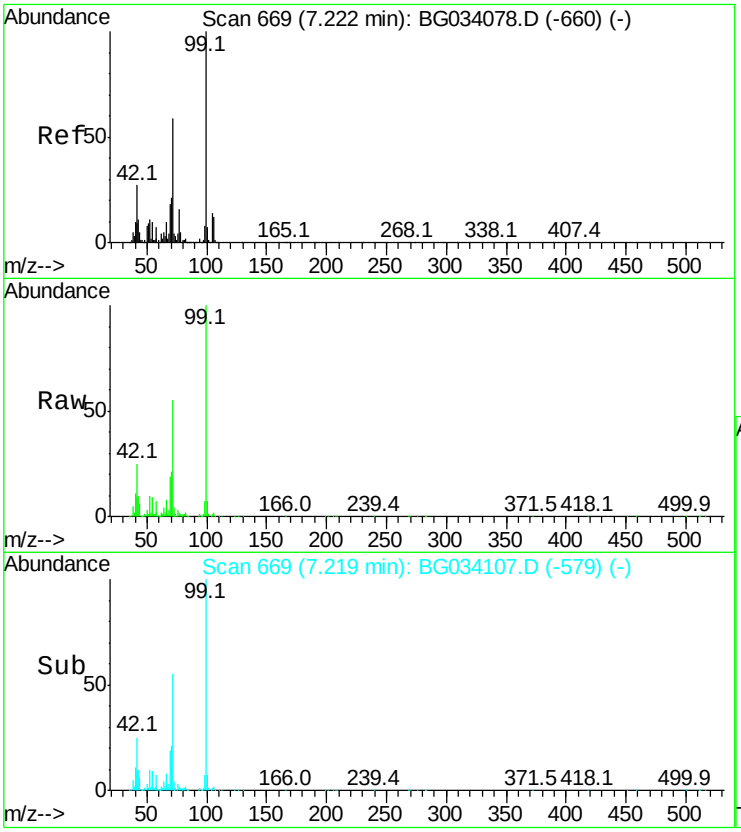


#5
2-Fluorophenol
Concen: 134.063 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Tgt Ion:112 Resp: 530557

Ion	Ratio	Lower	Upper
112	100		
64	79.0	56.3	84.5
63	45.8	30.1	45.1#



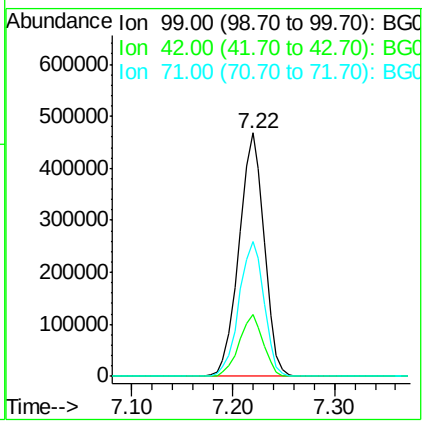


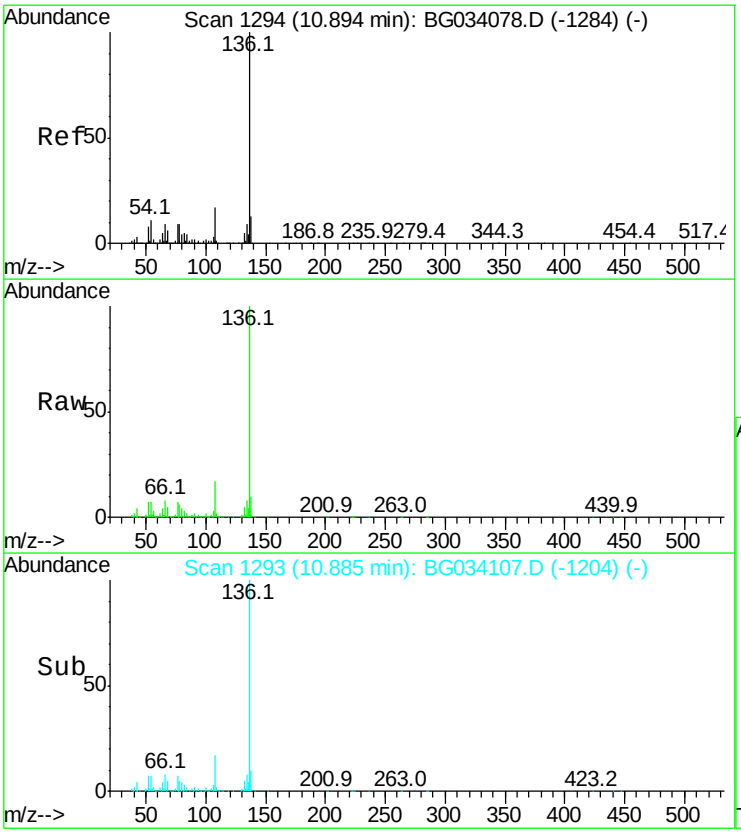
#7
Phenol-d6
Concen: 130.109 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion: 99 Resp: 801617

Ion	Ratio	Lower	Upper
99	100		
42	25.2	14.1	21.1#
71	55.3	26.1	39.1#

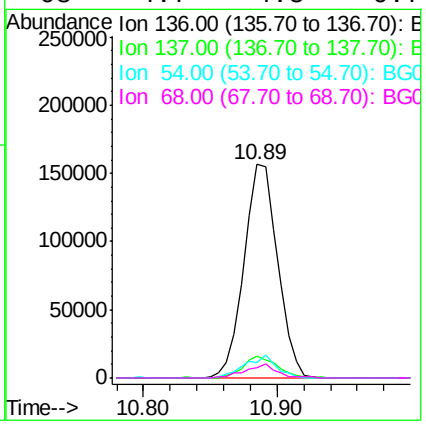


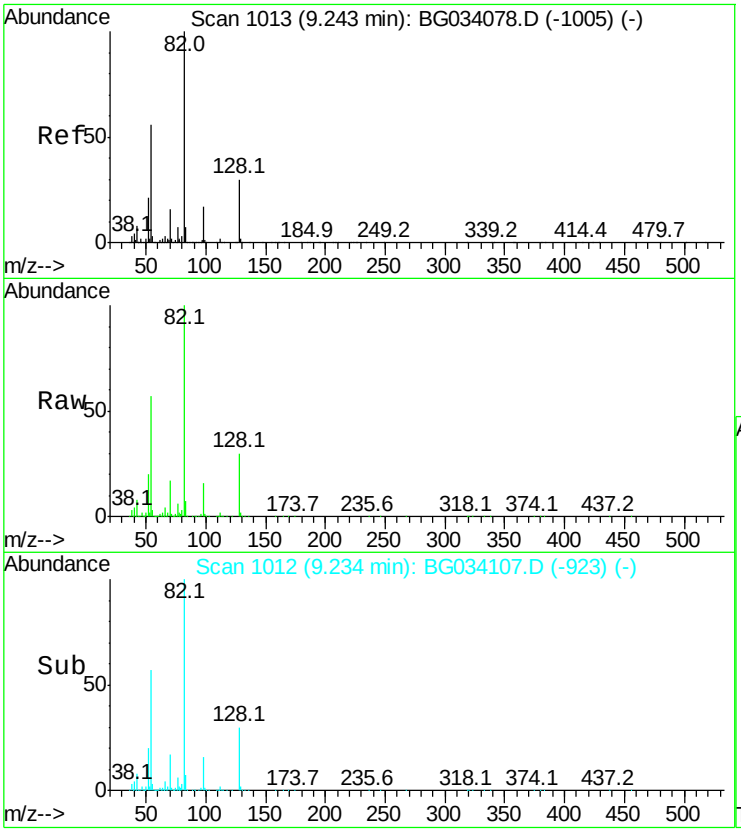


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Tgt Ion:136 Resp: 271578

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.3	10.3	15.5#
68	4.7	4.5	6.7



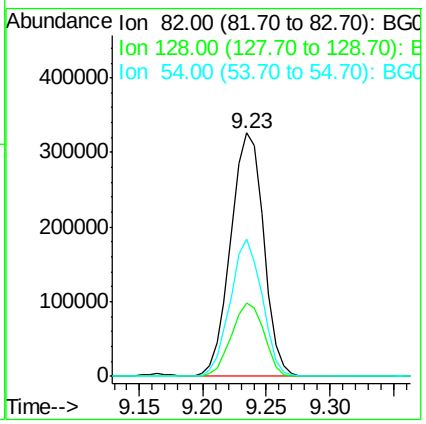


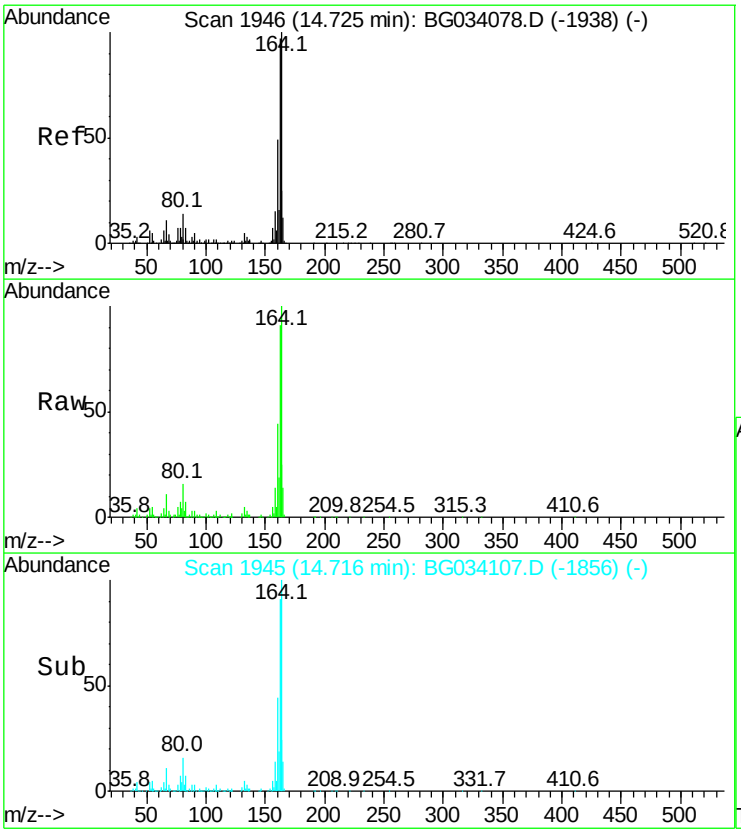
#23
Nitrobenzene-d5
Concen: 82.830 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion: 82 Resp: 586291

Ion	Ratio	Lower	Upper
82	100		
128	30.1	29.7	44.5
54	56.6	43.1	64.7

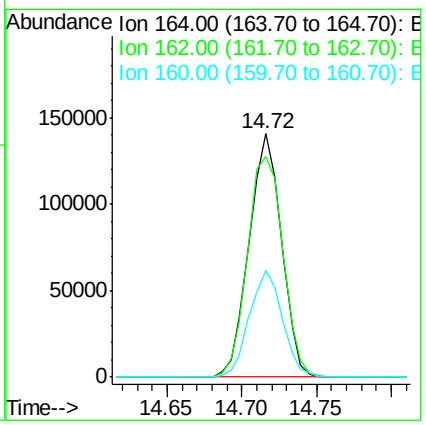


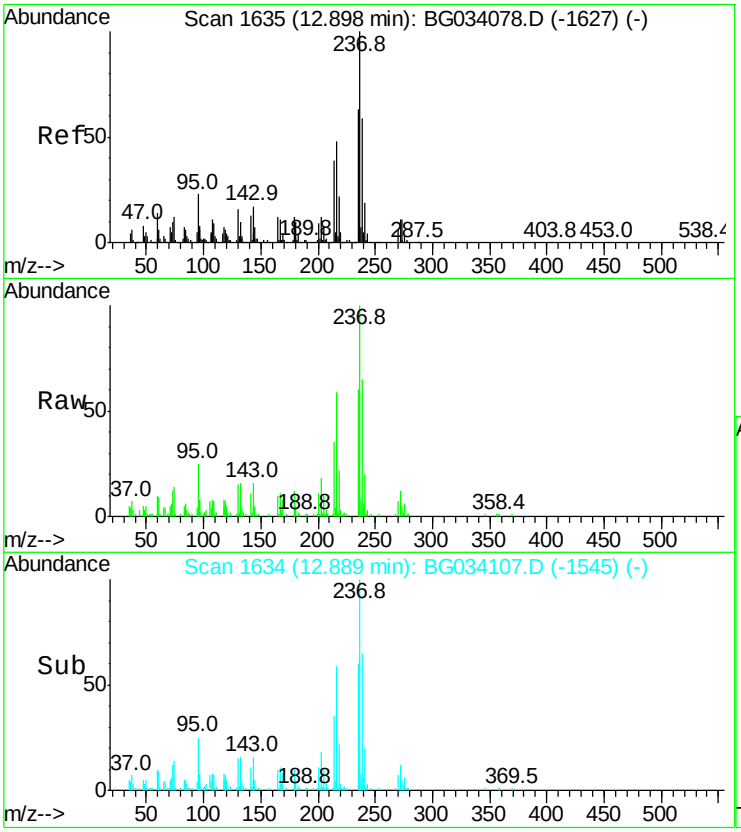


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Tgt Ion:164 Resp: 210353

Ion	Ratio	Lower	Upper
164	100		
162	90.8	78.8	118.2
160	43.6	35.4	53.0



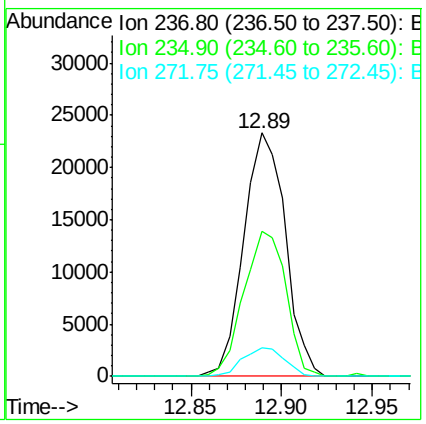


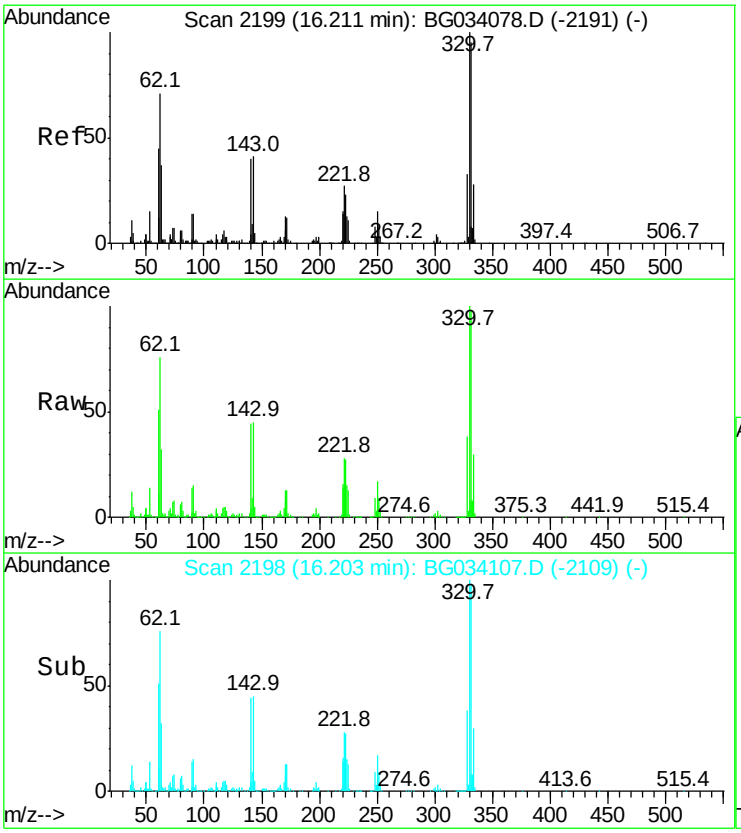
#40
Hexachlorocyclopentadiene
Concen: 7.694 ng
RT: 12.89 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion:237 Resp: 37109

Ion	Ratio	Lower	Upper
237	100		
235	59.6	50.4	90.4
272	11.9	0.0	31.8

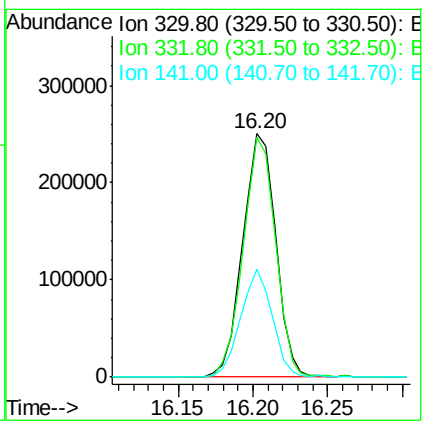


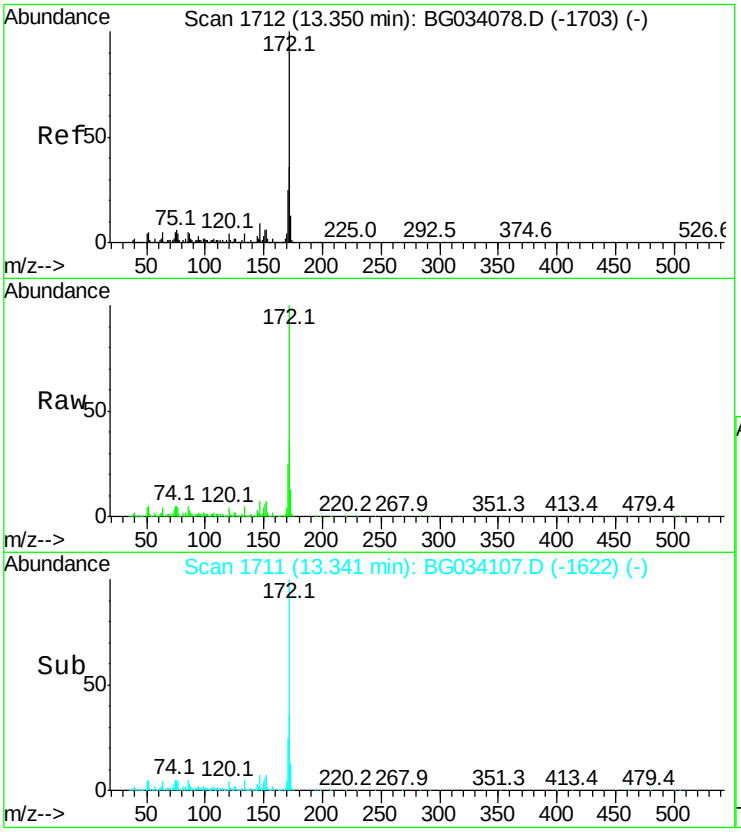


#41
2,4,6-Tribromophenol
Concen: 131.714 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Tgt Ion:330 Resp: 383653

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	42.4	25.2	37.8#



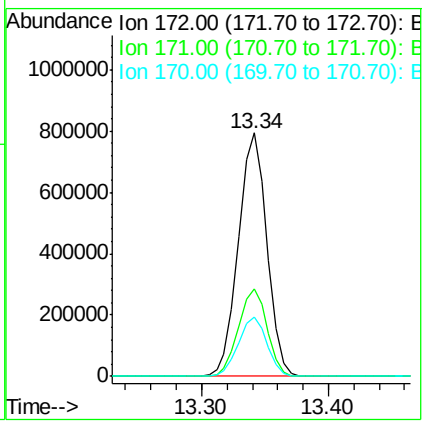


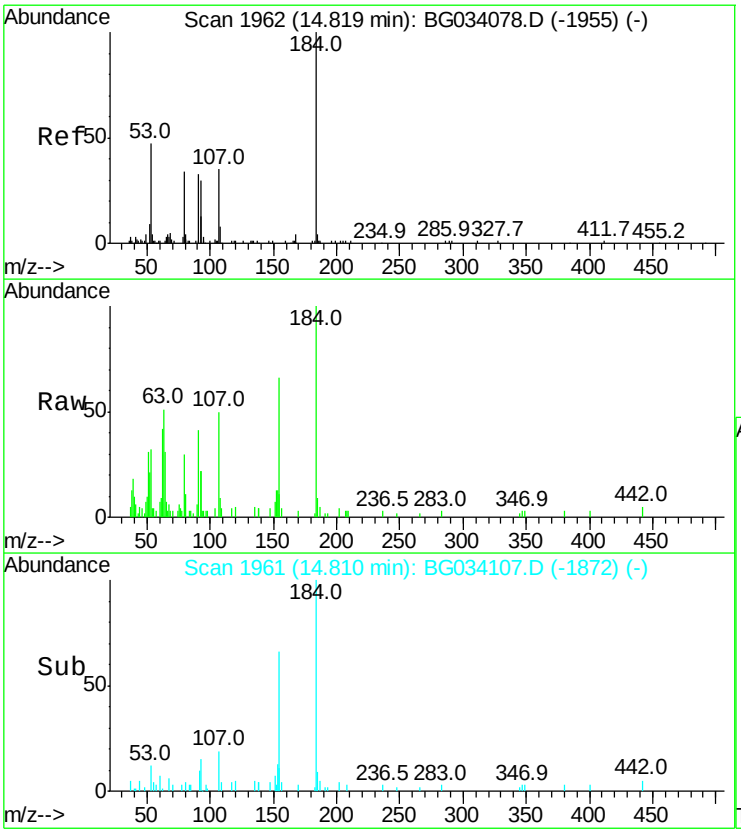
#44
2-Fluorobiphenyl
Concen: 85.368 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion:172 Resp: 1232366

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	24.6	19.5	29.3

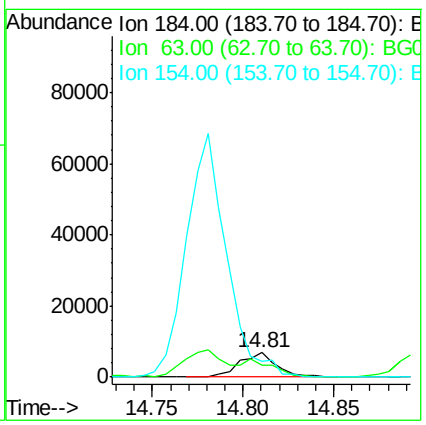


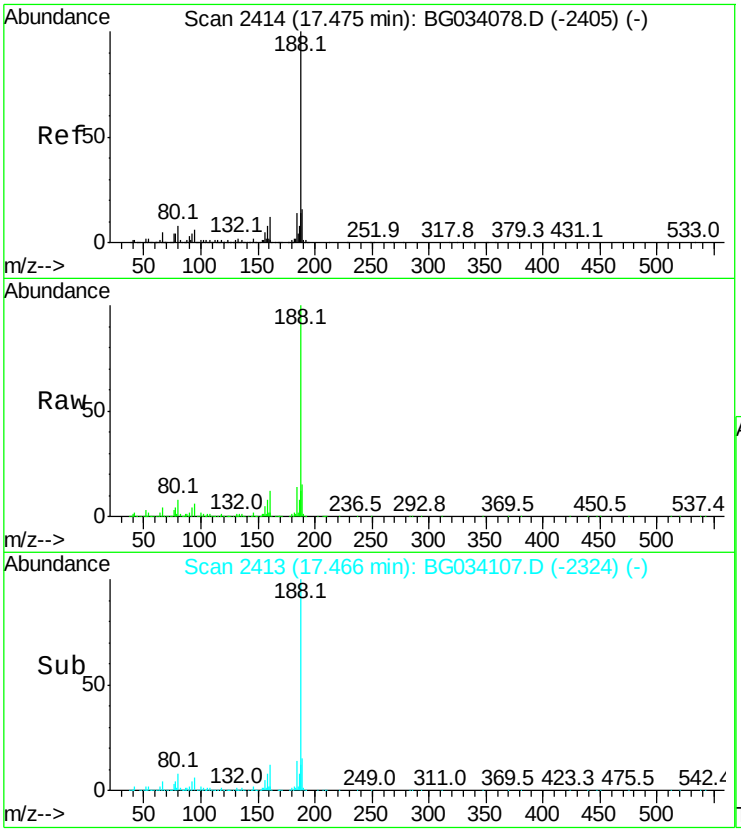


#53
2,4-Dinitrophenol
Concen: 7.198 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Tgt Ion:184 Resp: 9865

Ion	Ratio	Lower	Upper
184	100		
63	50.7	59.8	89.8#
154	66.2	101.8	152.8#



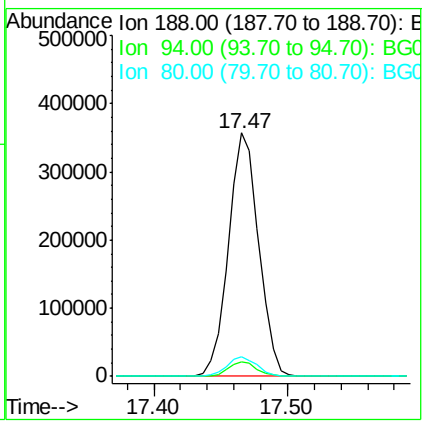


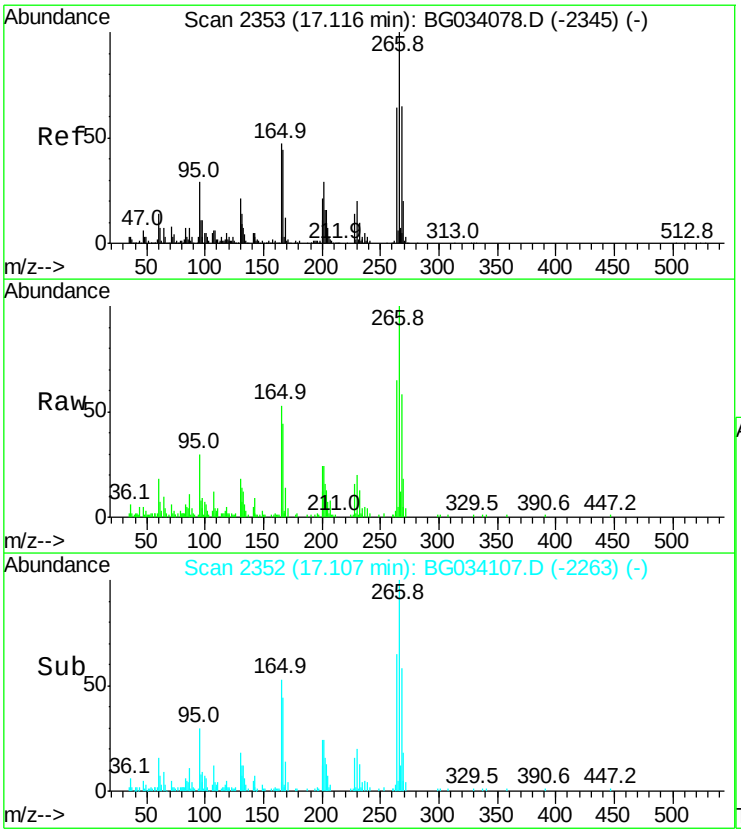
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion:188 Resp: 561398

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	8.1	7.7	11.5

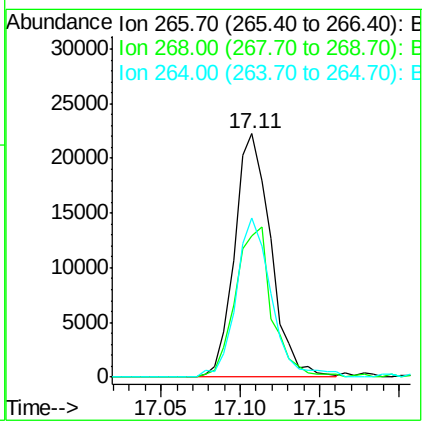


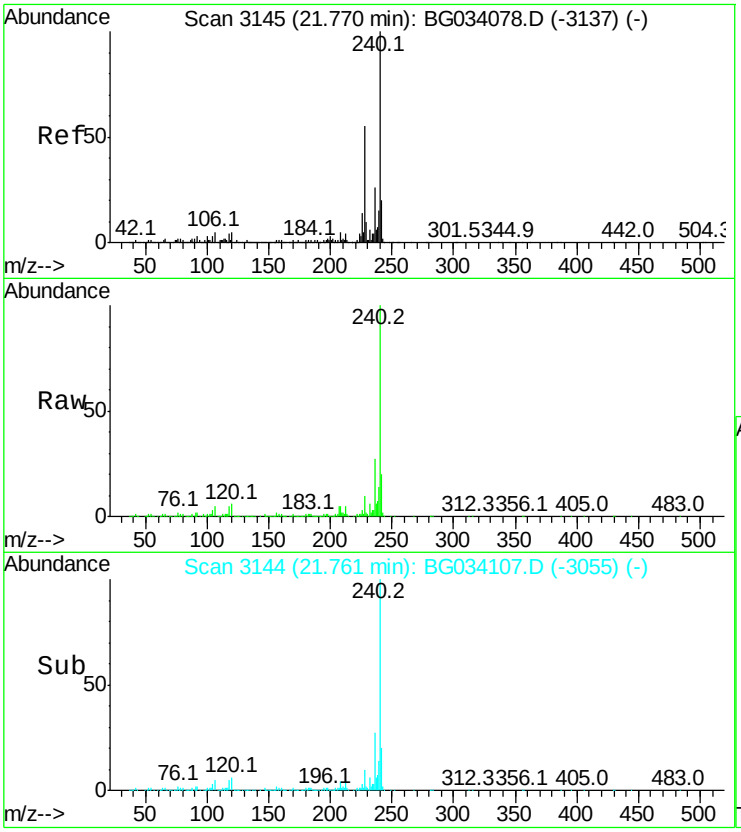


#69
Pentachlorophenol
Concen: 7.138 ng
RT: 17.11 min Scan# 2352
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Tgt Ion:266 Resp: 35200

Ion	Ratio	Lower	Upper
266	100		
268	57.8	51.1	76.7
264	70.8	49.6	74.4



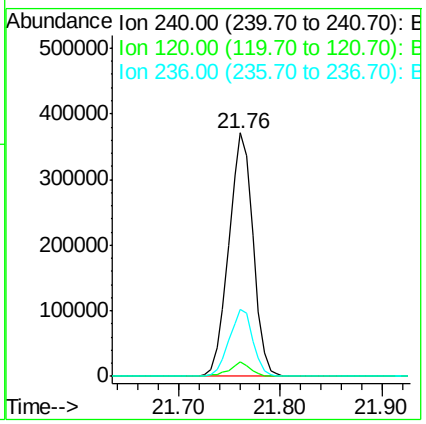


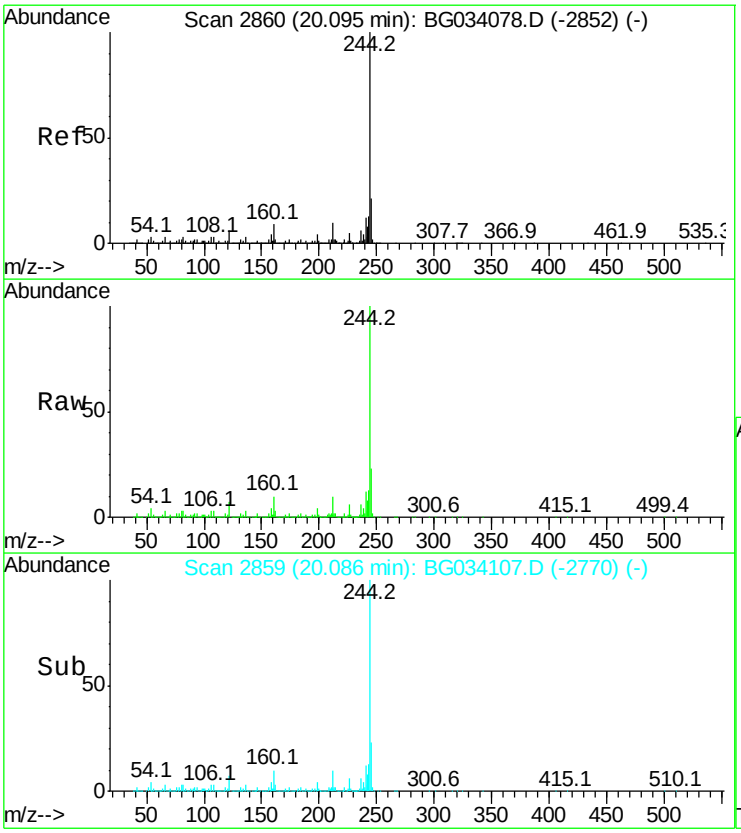
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion:240 Resp: 612587

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	27.4	20.9	31.3

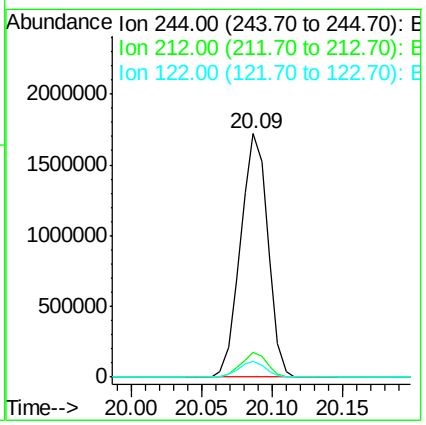


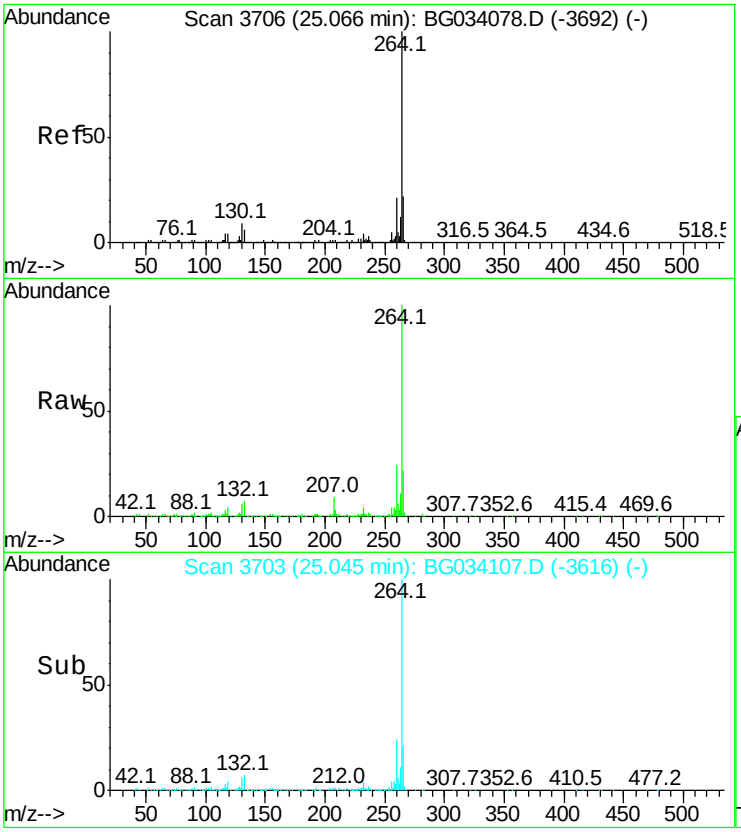


#78
Terphenyl-d14
Concen: 83.324 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Tgt Ion:244 Resp: 2330033

Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.8	8.8#
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG034107.D
Acq: 2 May 2018 9:17

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion:264 Resp: 601721

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.5	17.7	26.5