Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032571.D
Acq On : 6 Feb 2018 18:25
Operator : SJ/JU
Sample : J1161-07
Misc : LOD-W-8 ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 07 13:56:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	21696	20.00	ng		0.00
21) Naphthalene-d8	11.58	136	86054	20.00	ng		0.00
38) Acenaphthene-d10	15.34	164	63061	20.00	ng		0.00
63) Phenanthrene-d10	18.07	188	158242	20.00	ng		0.00
75) Chrysene-d12	22.40	240	208133	20.00	ng		-0.01
86) Perylene-d12	26.07	264	233341	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	119144	110.30	ng		0.00
7) Phenol-d6	7.82	99	149811	103.93	ng		0.00
23) Nitrobenzene-d5	9.90	82	92458	67.11	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	134089	111.71	ng		0.00
44) 2-Fluorobiphenyl	13.96	172	288543	54.38	ng		0.00
78) Terphenyl-d14	20.61	244	765449	78.78	ng		0.00
Target Compounds							Qvalue
40) Hexachlorocyclopentadiene	13.53	237	5582	3.028	ng		85
53) 2,4-Dinitrophenol	15.45	184	355	4.546	ng	#	58
69) Pentachlorophenol	17.71	266	4092	2.518	ng	#	79

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

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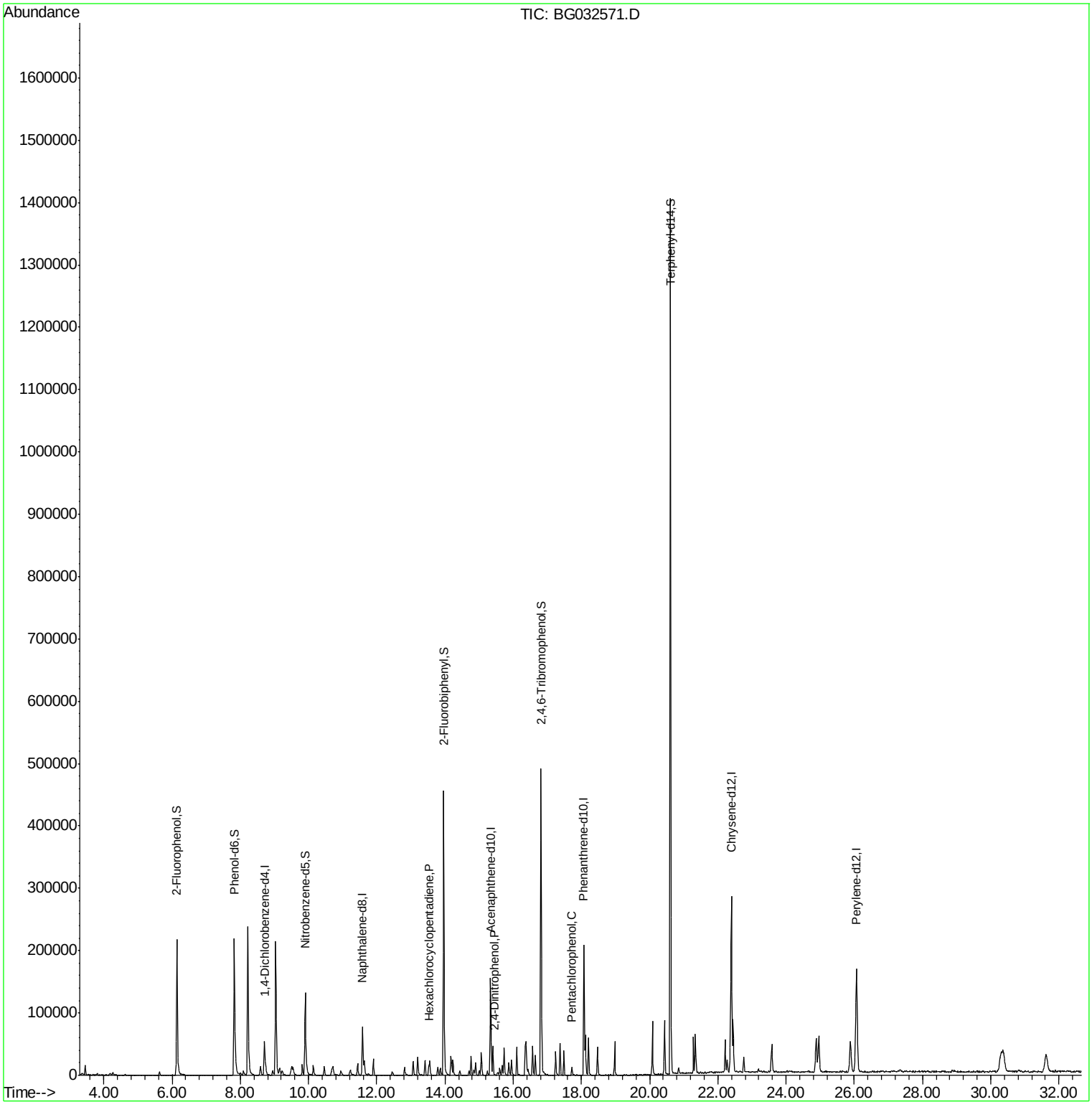
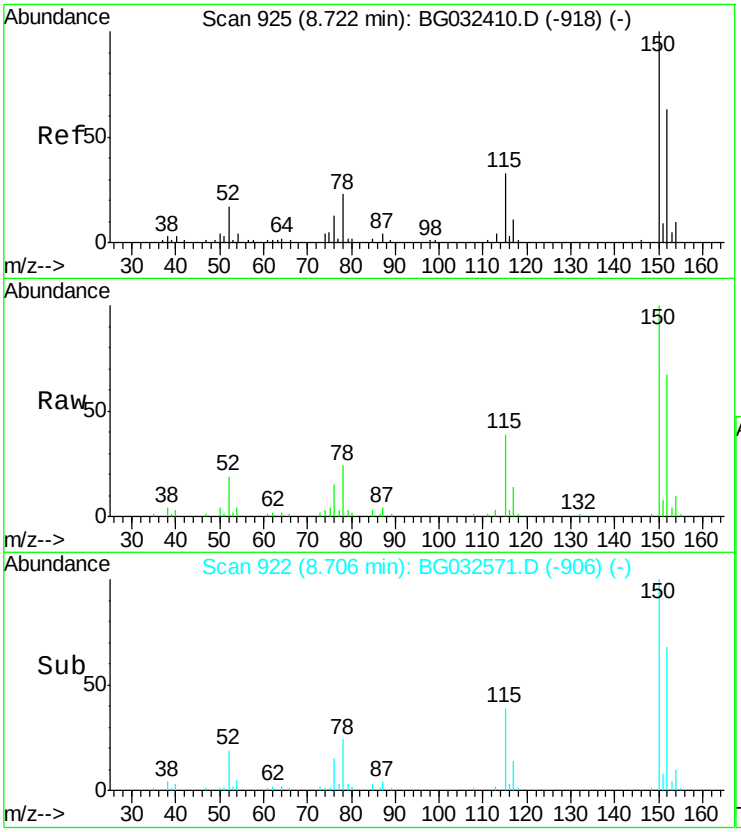


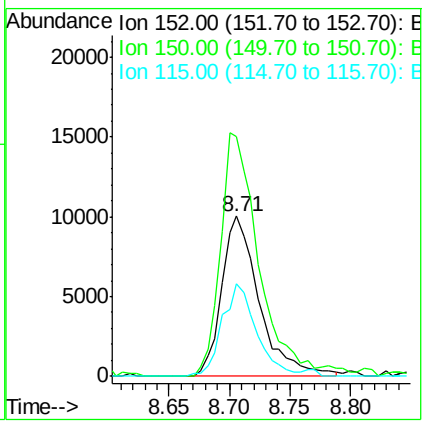


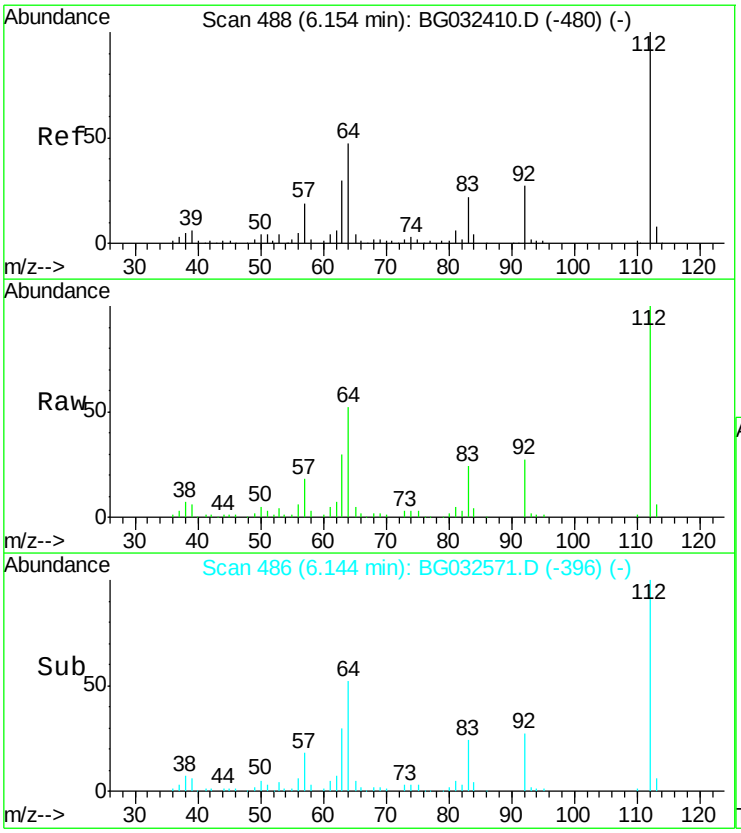
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:152 Resp: 21696

Ion	Ratio	Lower	Upper
152	100		
150	149.6	126.6	189.8
115	57.6	53.0	79.4

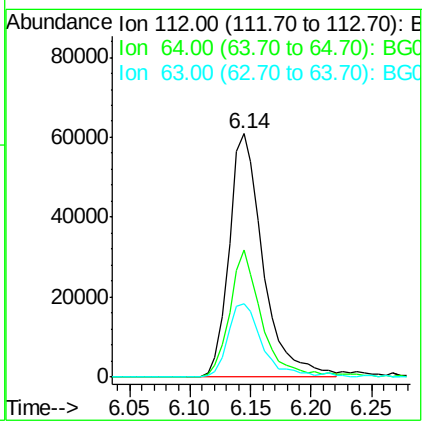


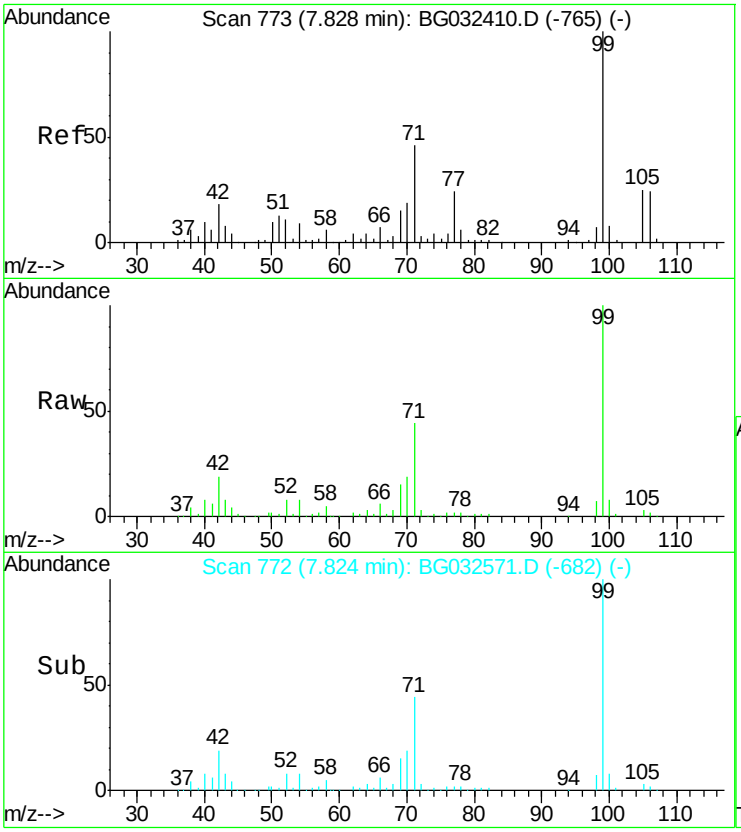


#5
2-Fluorophenol
Concen: 110.300 ng
RT: 6.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:112 Resp: 119144

Ion	Ratio	Lower	Upper
112	100		
64	52.5	56.3	84.5#
63	30.0	30.1	45.1#



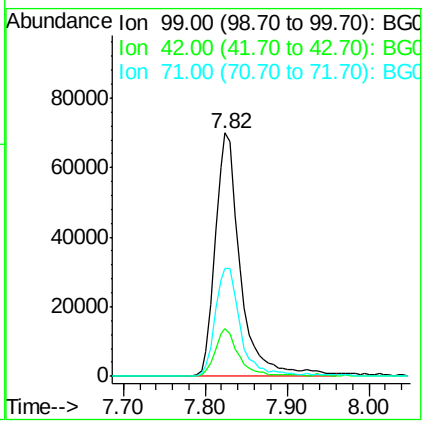


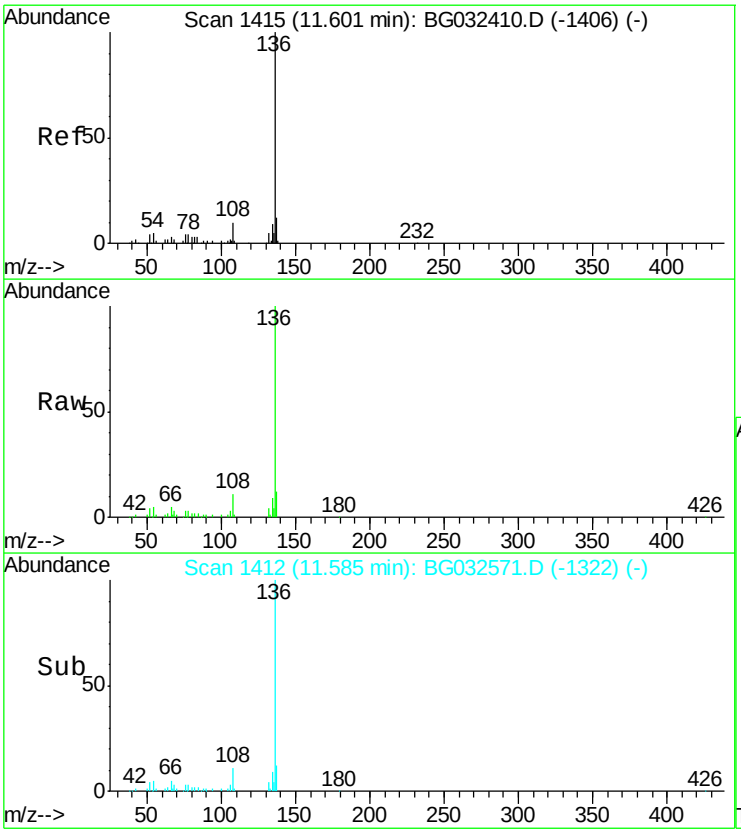
#7
Phenol-d6
Concen: 103.934 ng
RT: 7.82 min Scan# 772
Delta R.T. 0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion: 99 Resp: 149811

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	44.3	26.1	39.1#

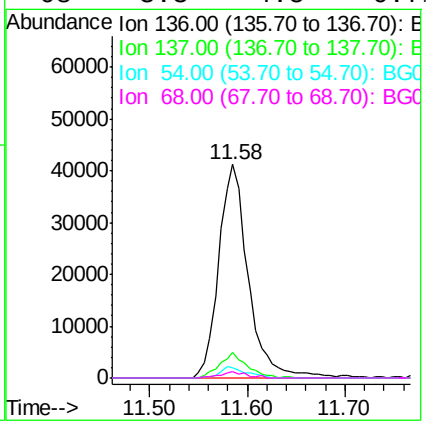


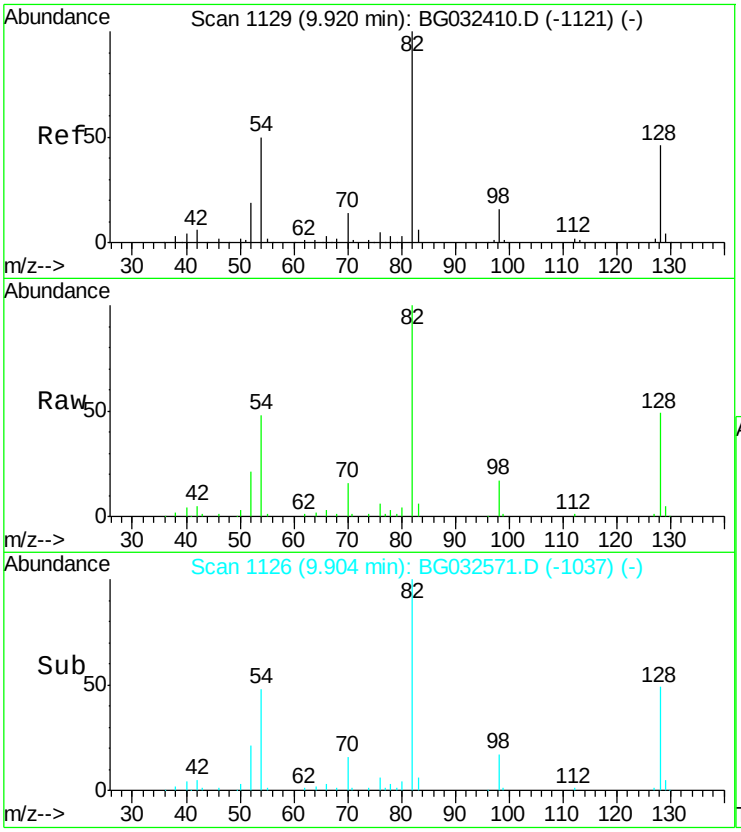


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:136 Resp: 86054

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	4.6	10.3	15.5#
68	3.3	4.5	6.7#



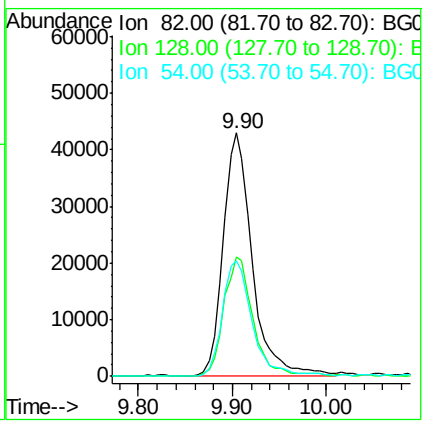


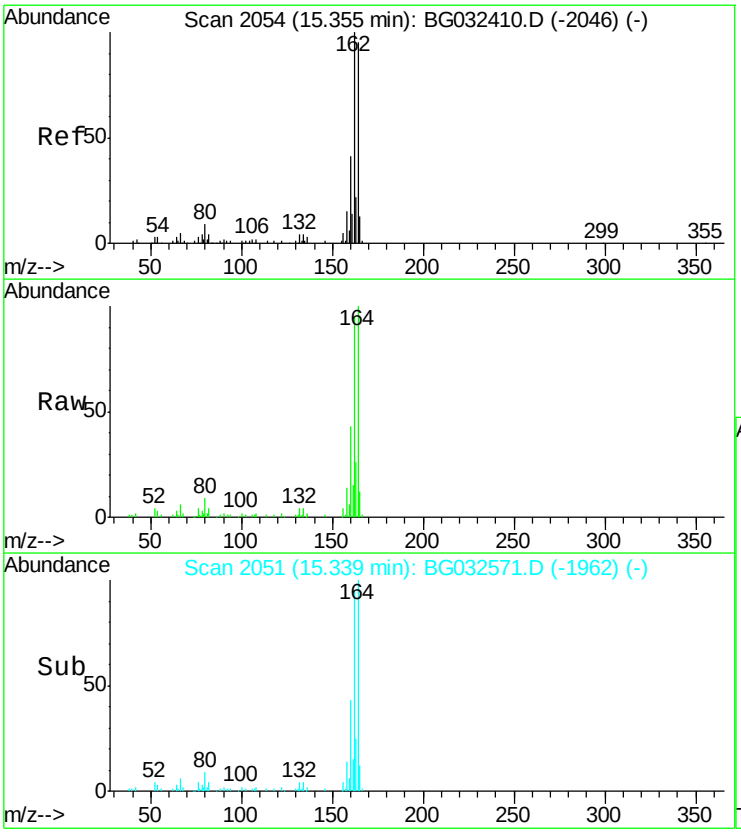
#23
Nitrobenzene-d5
Concen: 67.109 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion: 82 Resp: 92458

Ion	Ratio	Lower	Upper
82	100		
128	49.1	29.7	44.5#
54	47.5	43.1	64.7

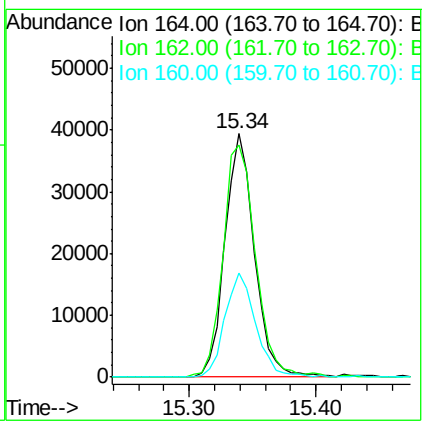


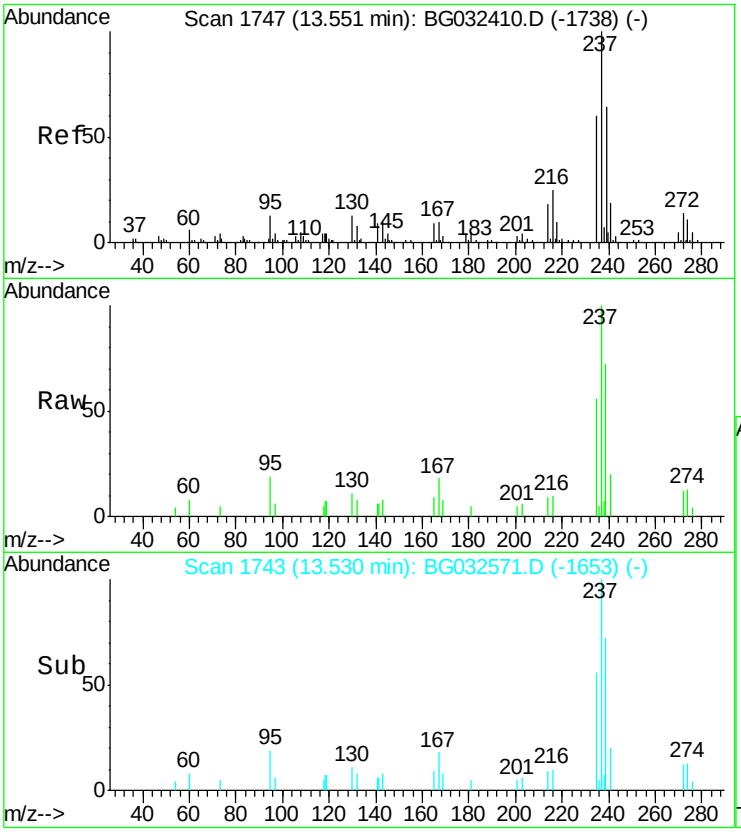


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:164 Resp: 63061

Ion	Ratio	Lower	Upper
164	100		
162	95.1	78.8	118.2
160	42.9	35.4	53.0



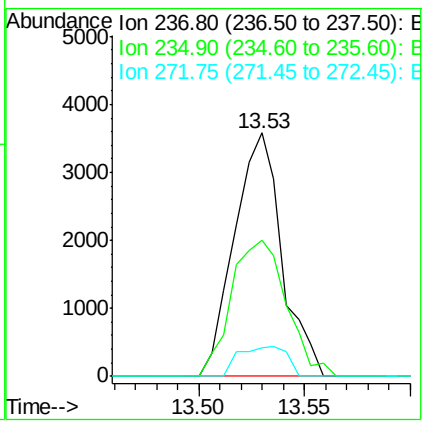


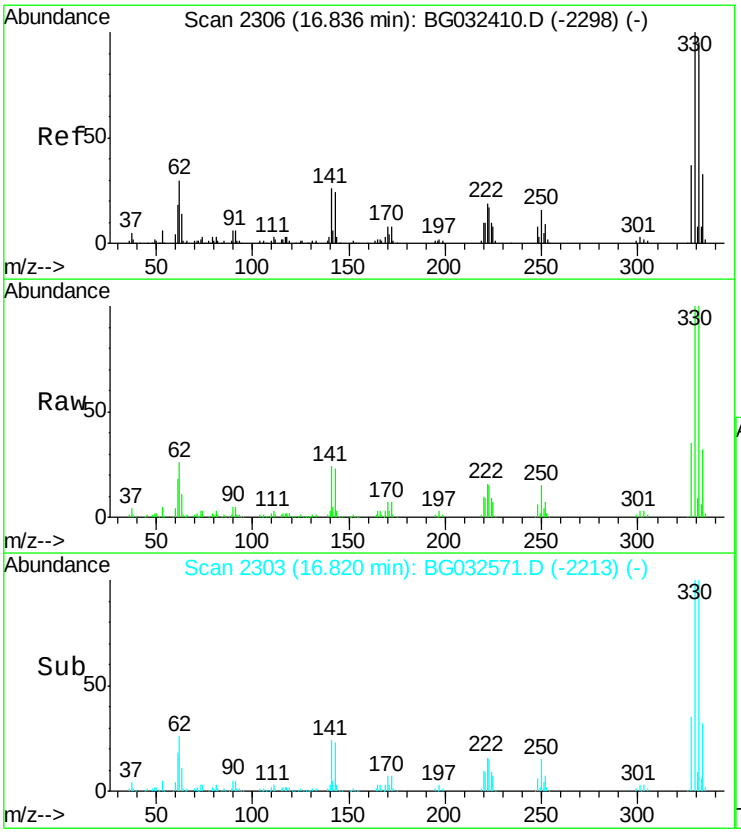
#40
Hexachlorocyclopentadiene
Concen: 3.028 ng
RT: 13.53 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:237 Resp: 5582

Ion	Ratio	Lower	Upper
237	100		
235	55.9	50.4	90.4
272	11.7	0.0	31.8

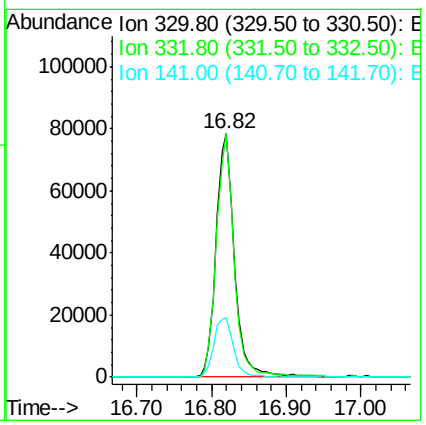


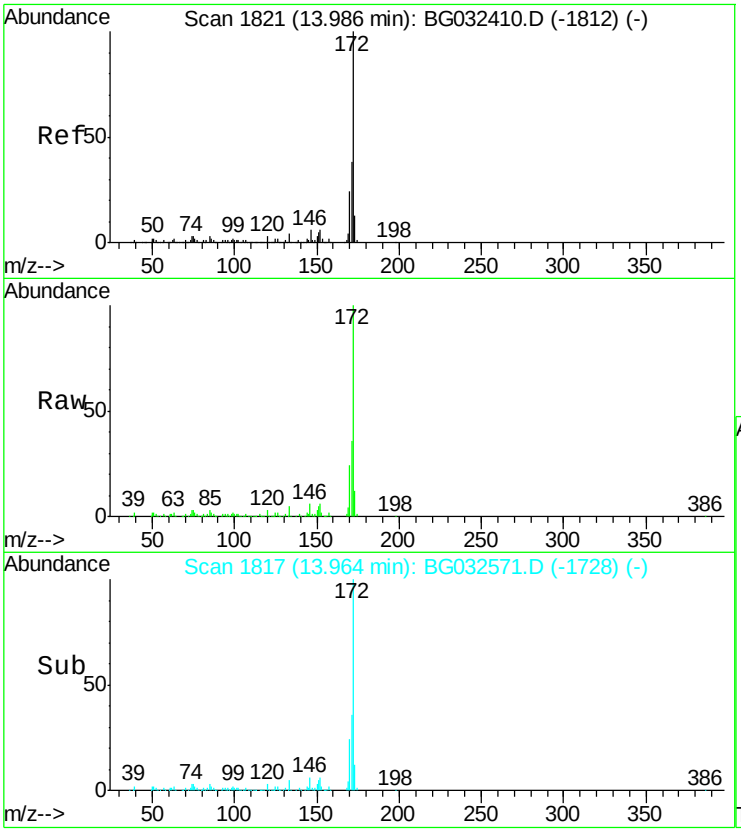


#41
2,4,6-Tribromophenol
Concen: 111.707 ng
RT: 16.82 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:330 Resp: 134089

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	25.7	25.2	37.8



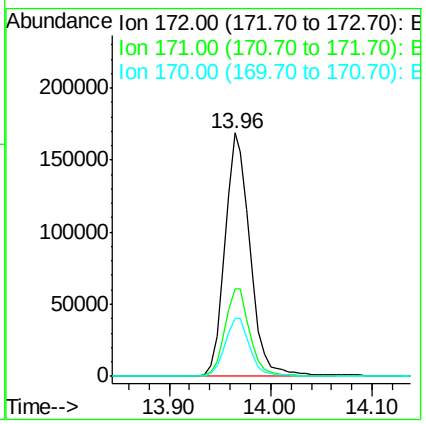


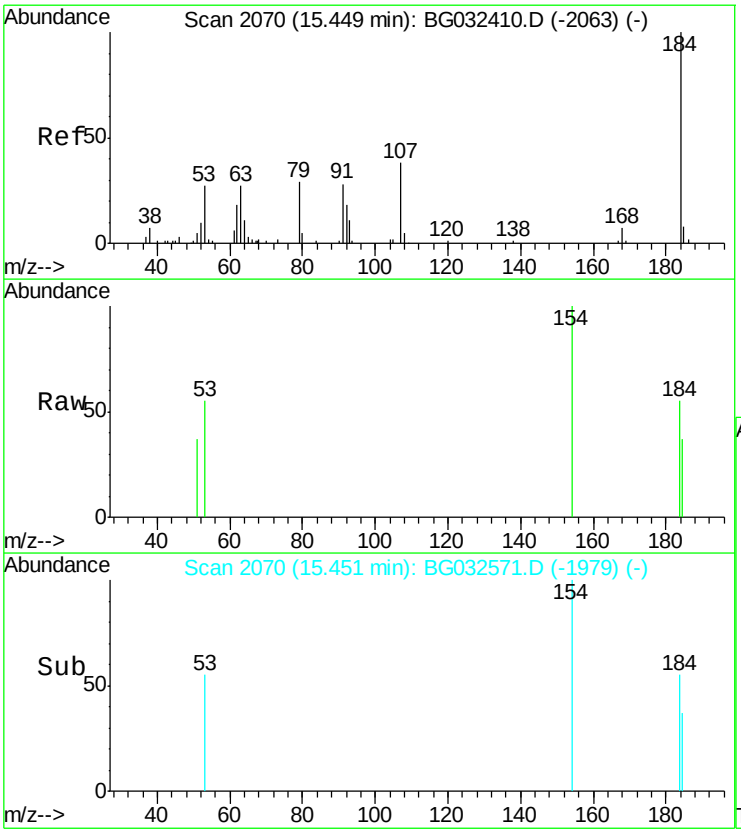
#44
2-Fluorobiphenyl
Concen: 54.384 ng
RT: 13.96 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:172 Resp: 288543

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	23.6	19.5	29.3

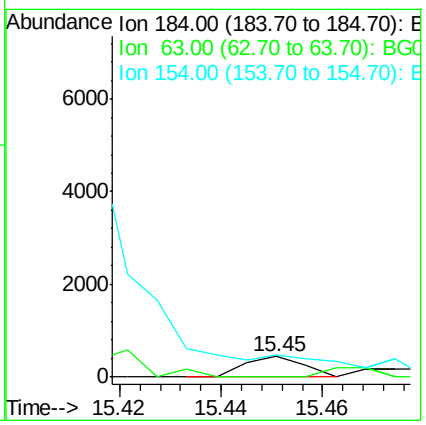


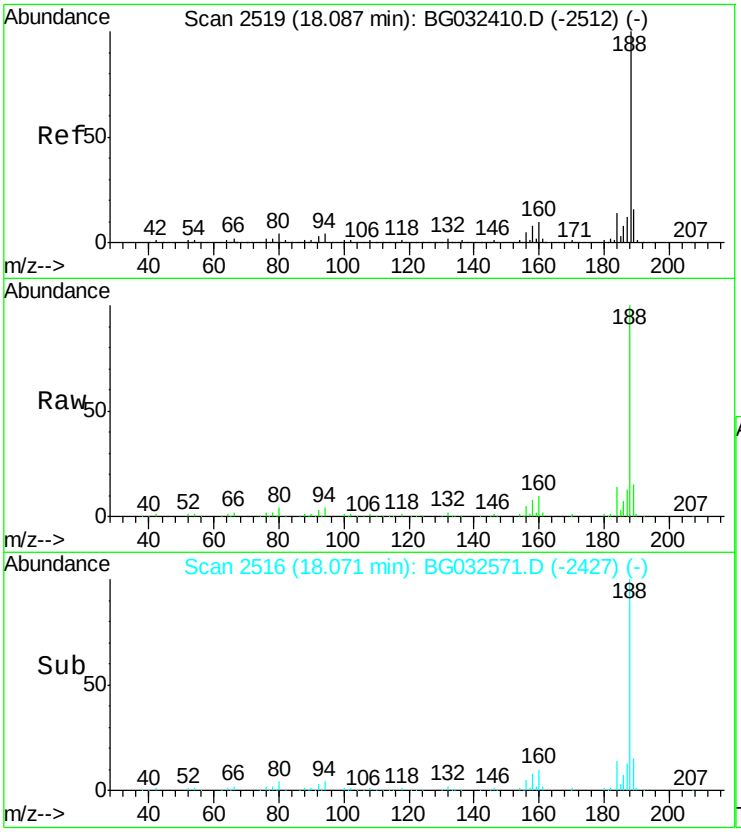


#53
2,4-Dinitrophenol
Concen: 4.546 ng
RT: 15.45 min Scan# 2070
Delta R.T. 0.01 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:184 Resp: 355

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	109.1	101.8	152.8



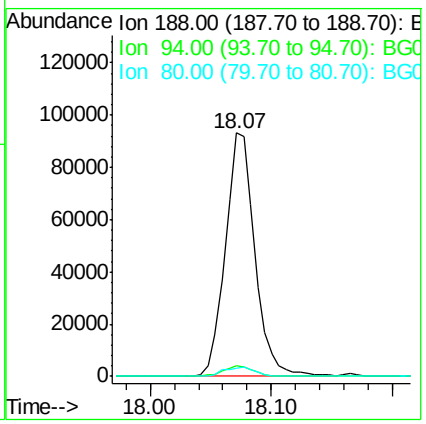


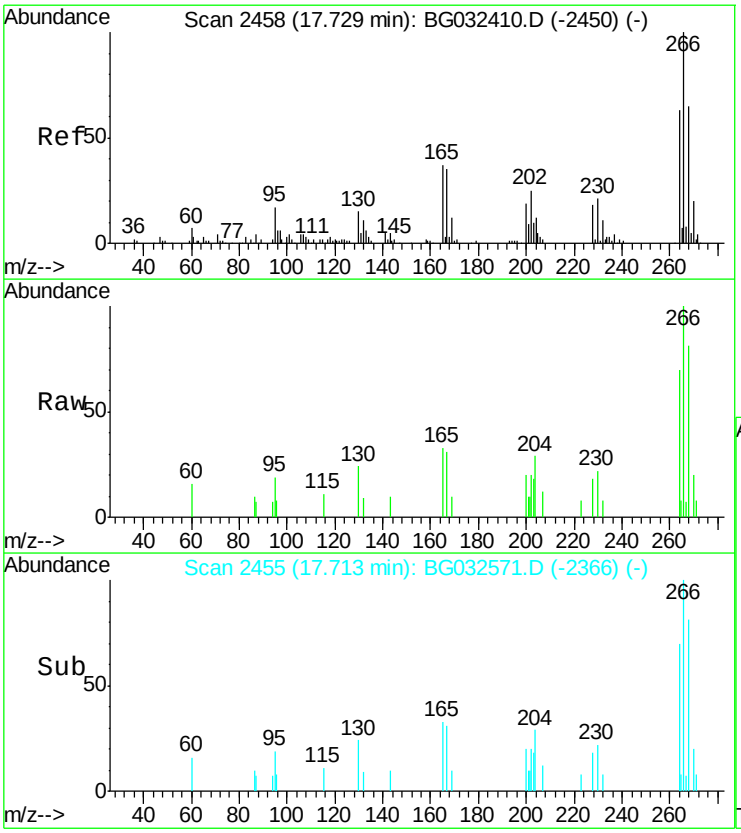
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:188 Resp: 158242

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	3.6	7.7	11.5#

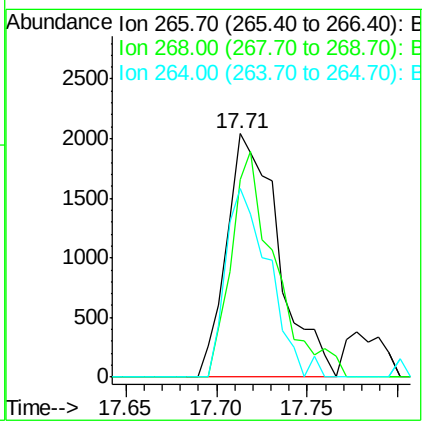


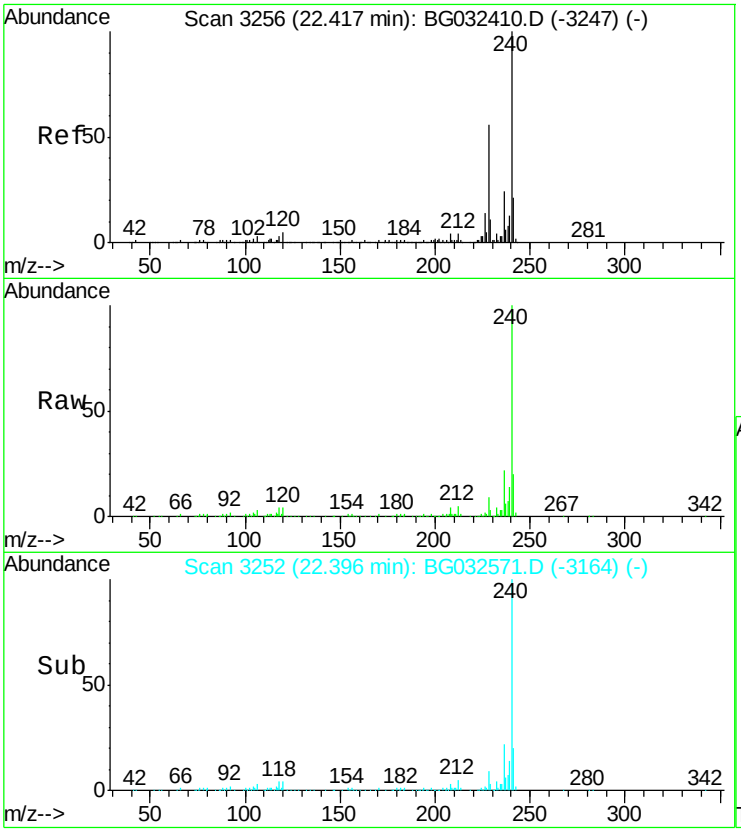


#69
Pentachlorophenol
Concen: 2.518 ng
RT: 17.71 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:266 Resp: 4092

Ion	Ratio	Lower	Upper
266	100		
268	81.0	51.1	76.7#
264	77.5	49.6	74.4#



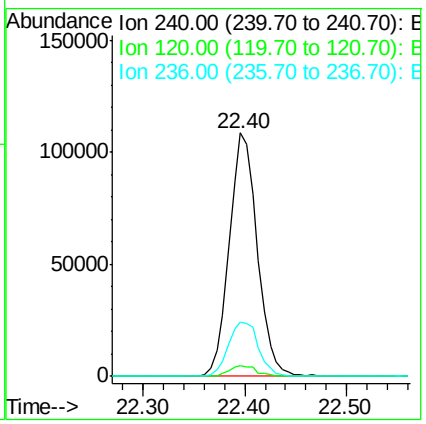


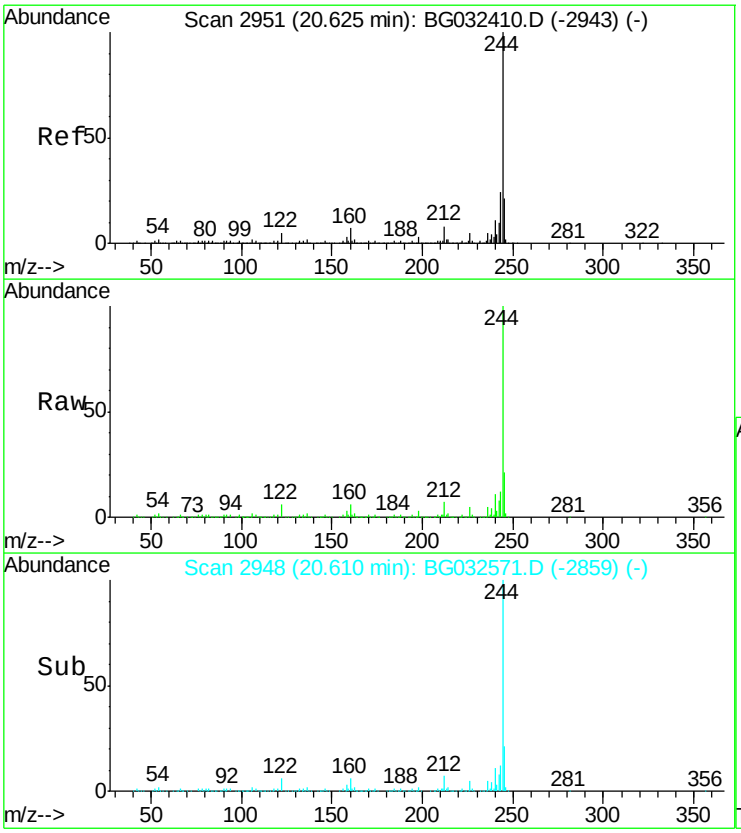
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:240 Resp: 208133

Ion	Ratio	Lower	Upper
240	100		
120	4.4	6.8	10.2#
236	22.2	20.9	31.3

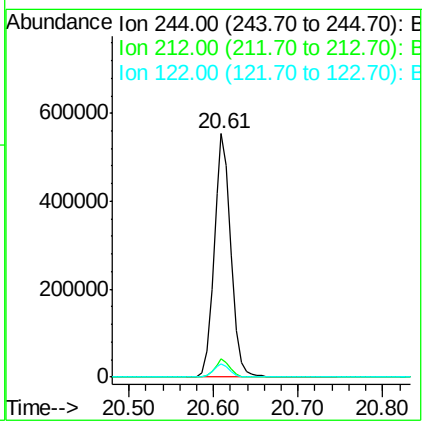


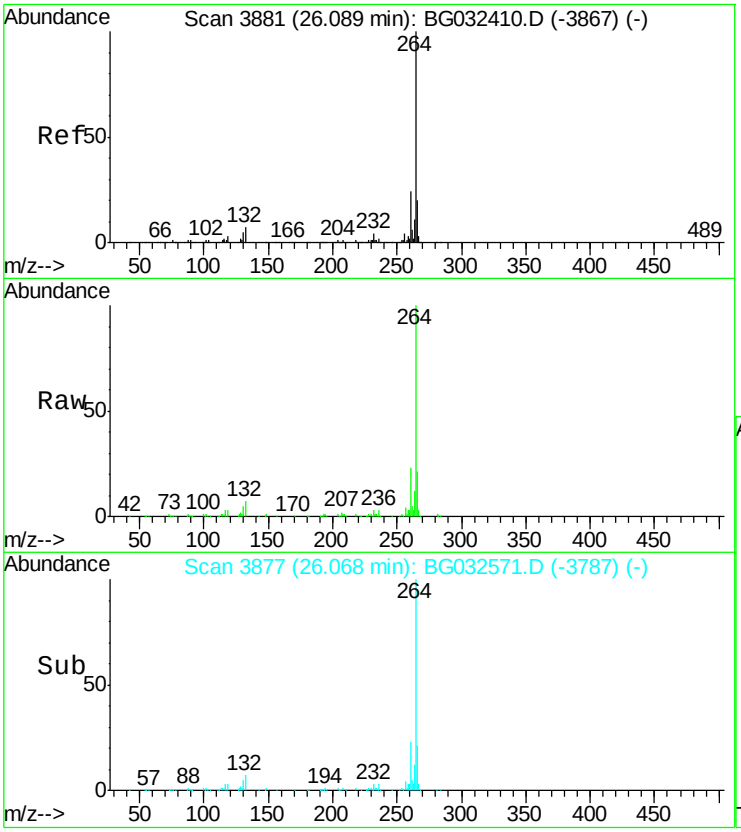


#78
Terphenyl-d14
Concen: 78.779 ng
RT: 20.61 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:244 Resp: 765449

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3877
Delta R.T. 0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:264 Resp: 233341

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.2	17.7	26.5