Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Time: Jul 16 14:10:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54852	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	203643	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	149172	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	372924	20.00	ng		0.00
75) Chrysene-d12	21.69	240	396644	20.00	ng		0.00
86) Perylene-d12	24.91	264	391139	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	211697	64.08	ng		0.00
7) Phenol-d6	7.22	99	192508	39.05	ng		0.00
23) Nitrobenzene-d5	9.22	82	473524	97.14	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	295018	150.05	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1039721	93.38	ng		0.00
78) Terphenyl-d14	20.02	244	1584220	88.04	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.30	79	16456	3.676	ng		91
49) Dimethylphthalate	14.12	163	72059	5.513	ng	#	99
51) Acenaphthene	14.74	154	19648	2.093	ng		93
59) Diethylphthalate	15.48	149	57241	4.259	ng		96

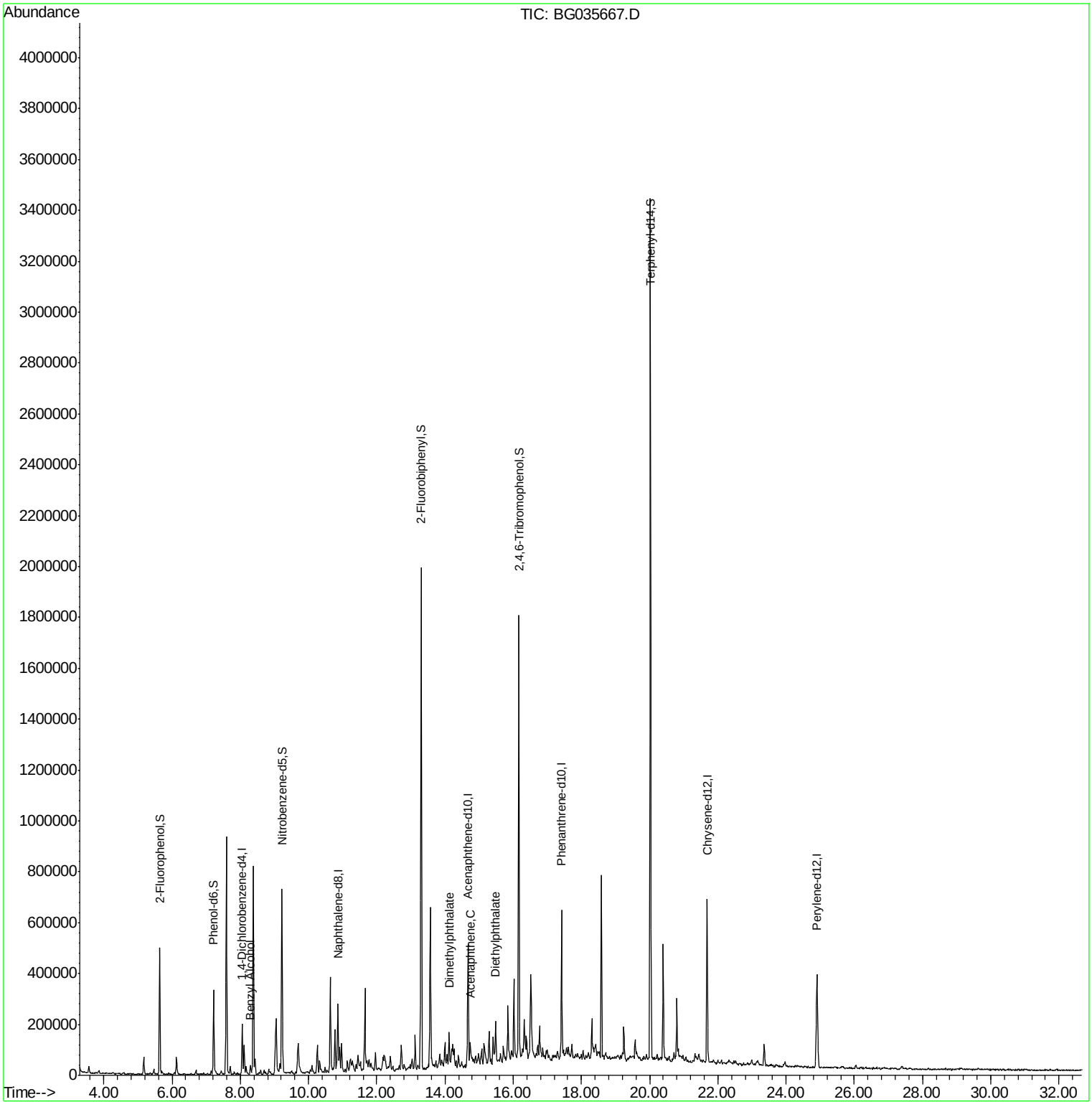
(#) = qualifier out of range (m) = manual integration (+) = signals summed

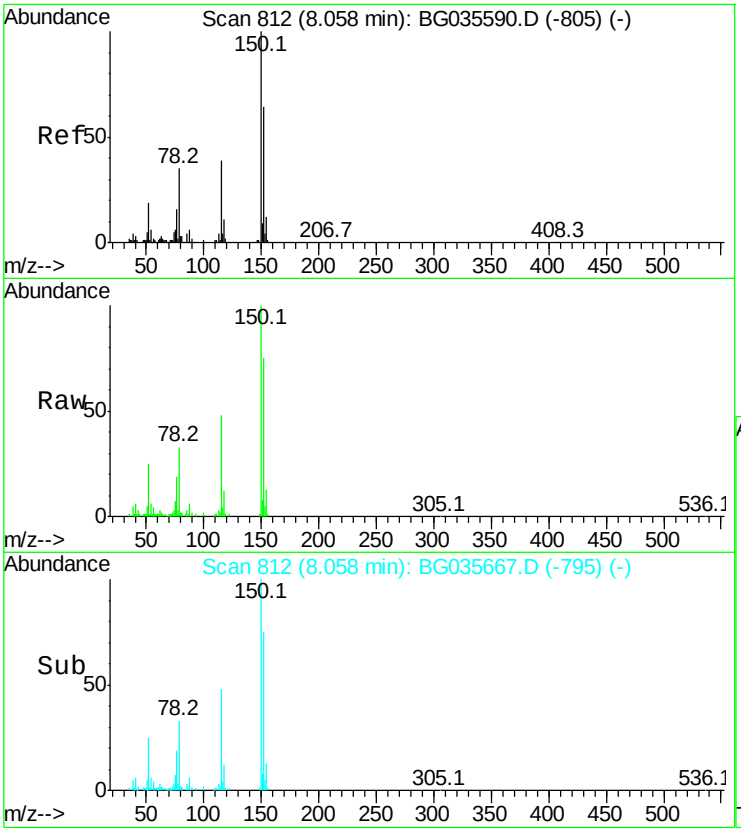
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Quant Time: Jul 16 14:10:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



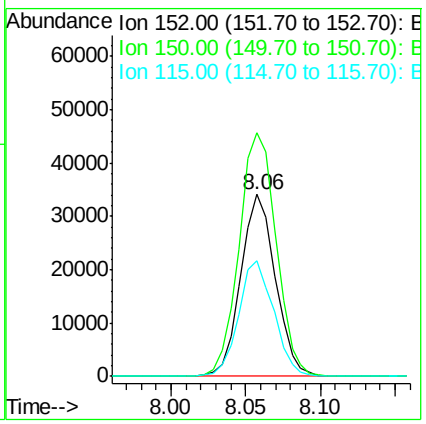


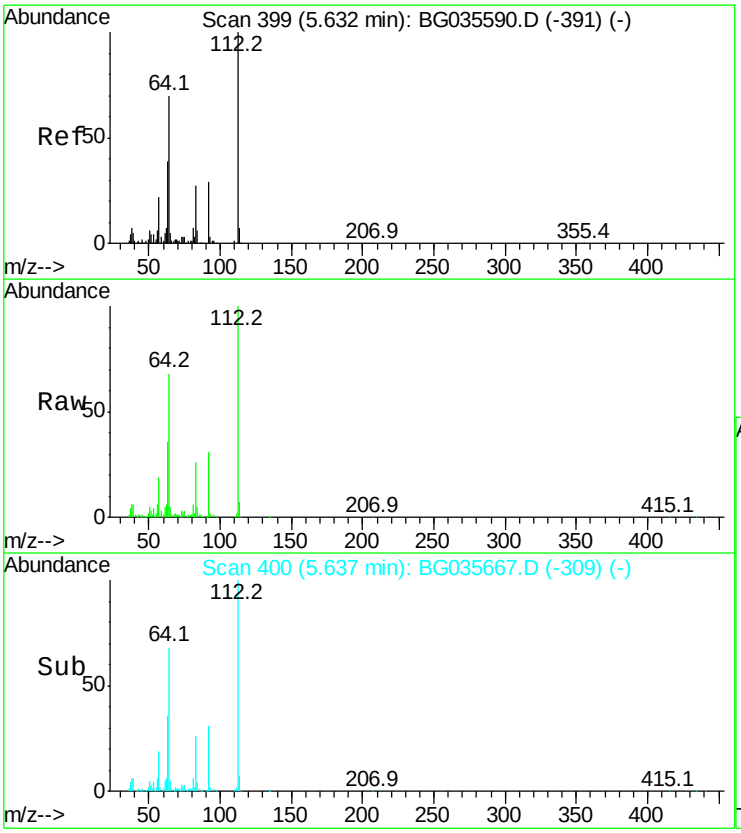
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:152 Resp: 54852

Ion	Ratio	Lower	Upper
152	100		
150	134.1	126.6	189.8
115	63.8	53.0	79.4

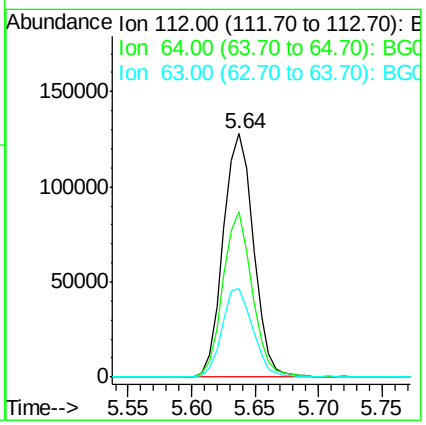


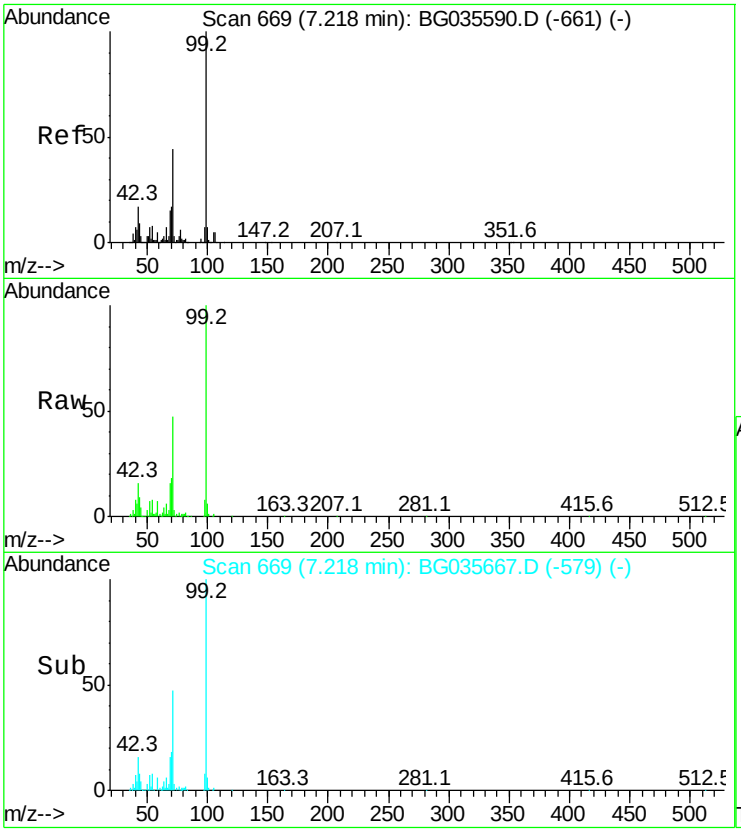


#5
2-Fluorophenol
Concen: 64.075 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Tgt Ion:112 Resp: 211697

Ion	Ratio	Lower	Upper
112	100		
64	67.9	56.3	84.5
63	36.4	30.1	45.1



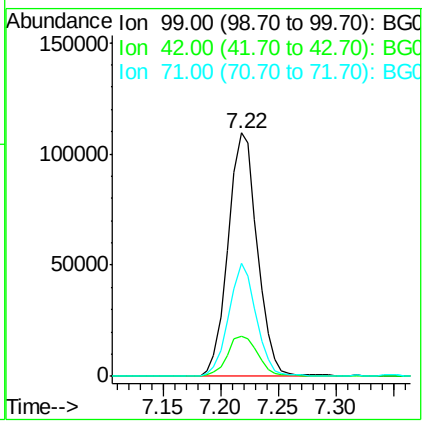


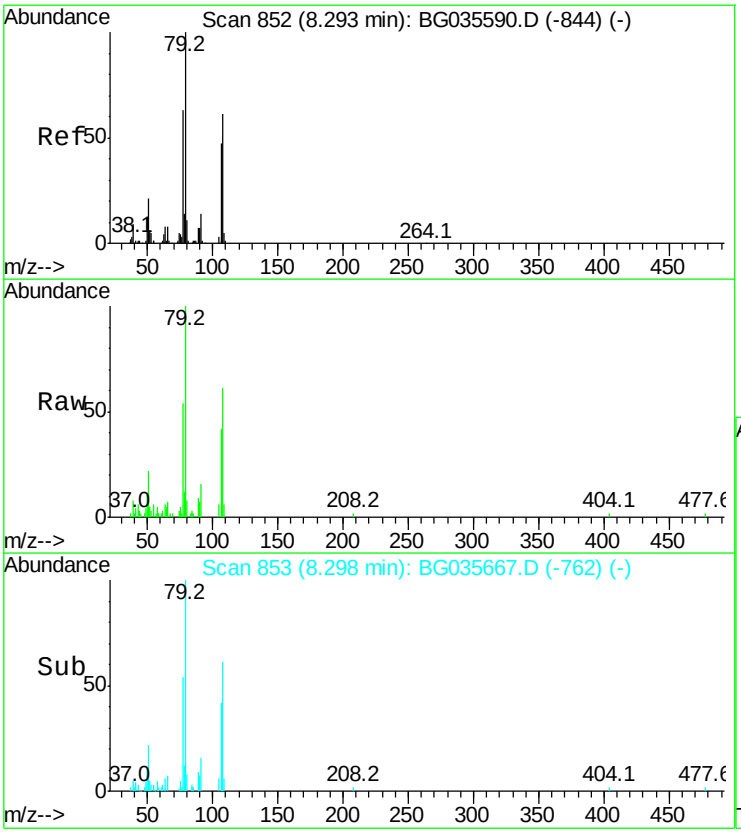
#7
Phenol-d6
Concen: 39.054 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion: 99 Resp: 192508

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	46.5	26.1	39.1#

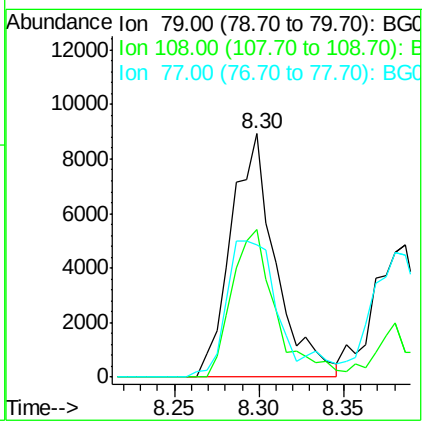


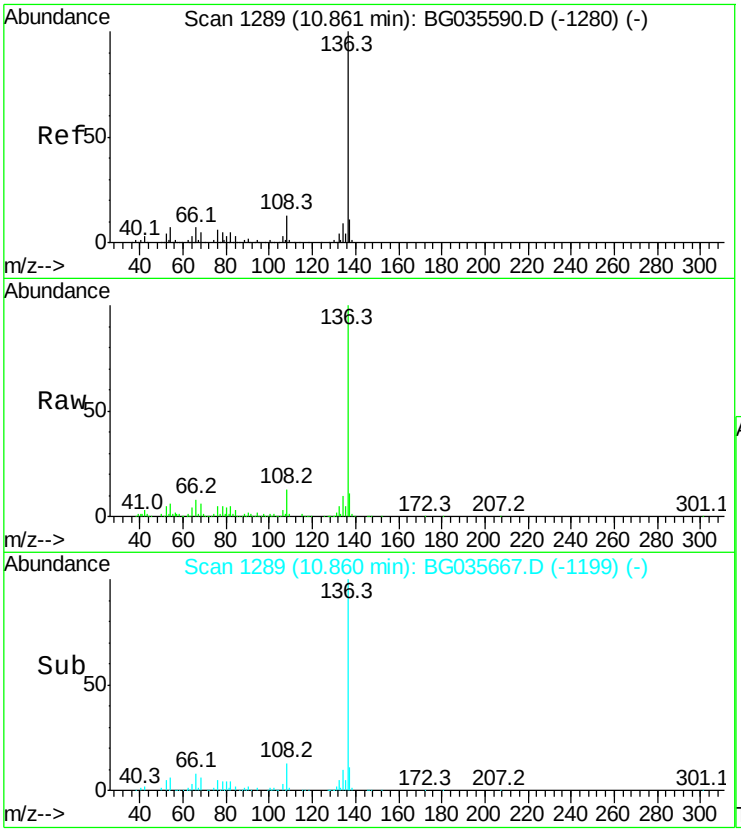


#15
Benzyl Alcohol
Concen: 3.676 ng
RT: 8.30 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Tgt Ion: 79 Resp: 16456

Ion	Ratio	Lower	Upper
79	100		
108	60.5	57.2	85.8
77	54.3	46.1	69.1



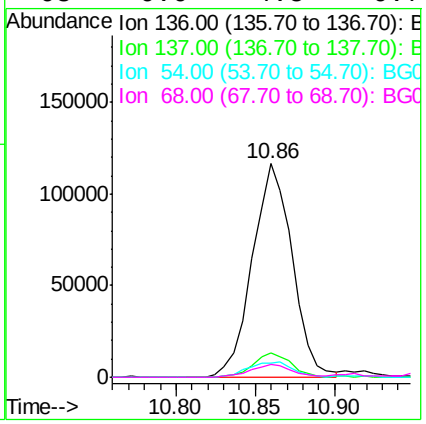


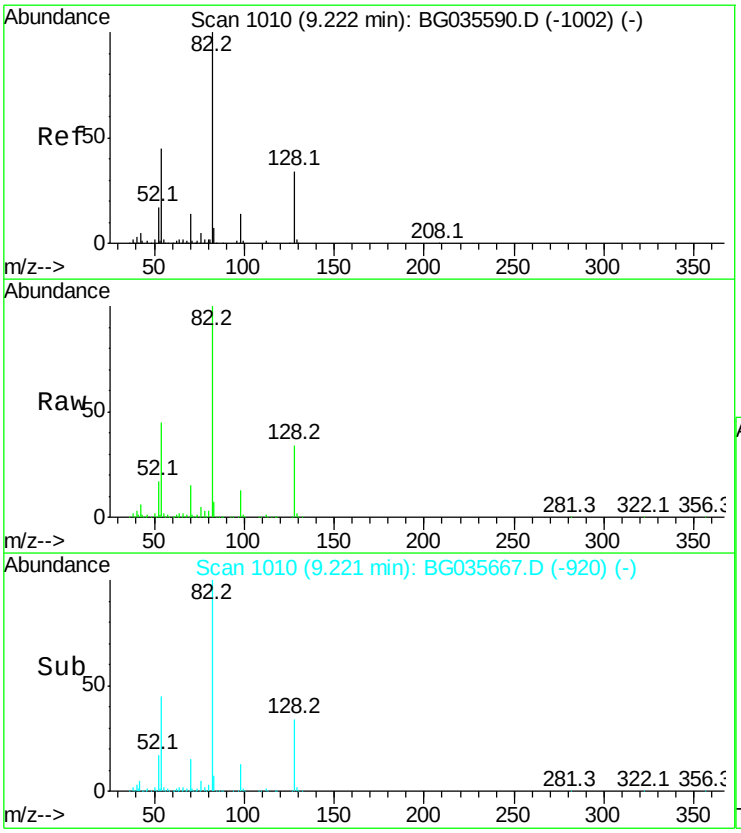
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:136 Resp: 203643

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.4	10.3	15.5#
68	6.0	4.5	6.7

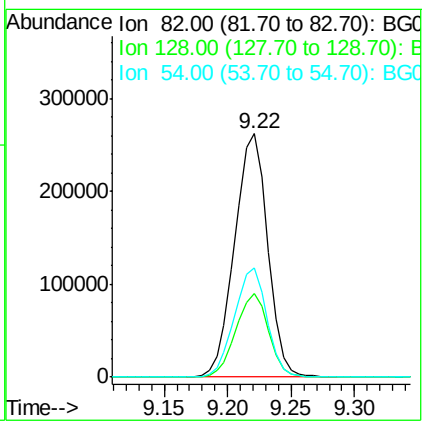


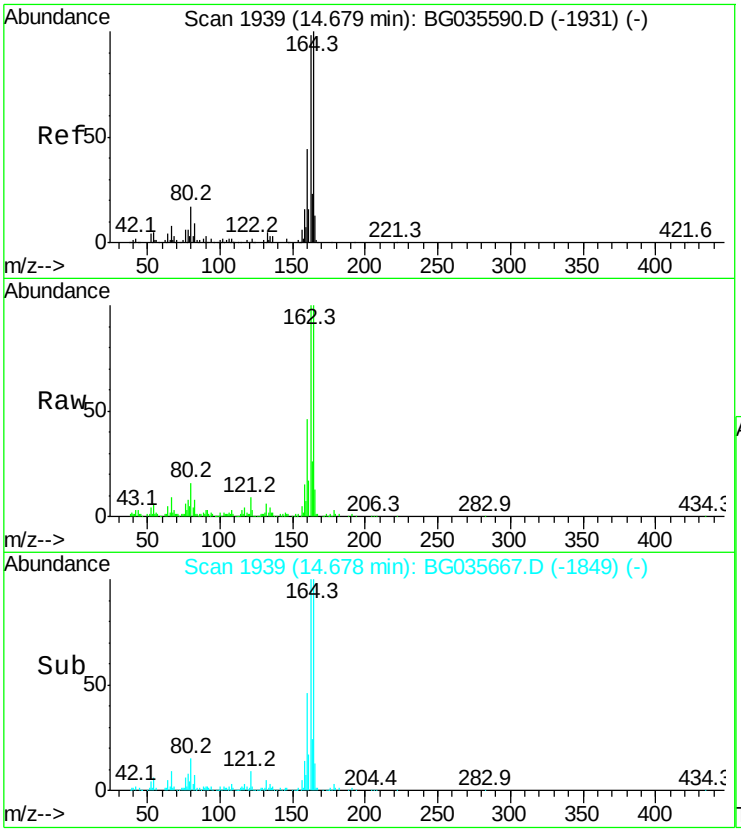


#23
Nitrobenzene-d5
Concen: 97.137 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Tgt Ion: 82 Resp: 473524

Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	45.0	43.1	64.7



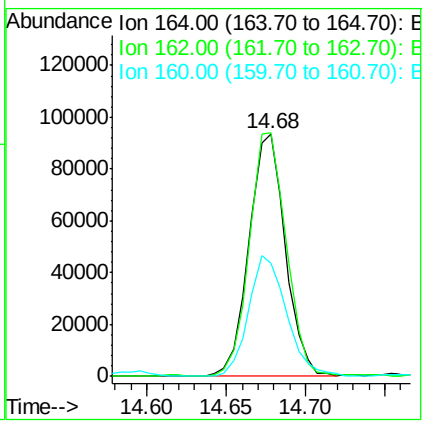


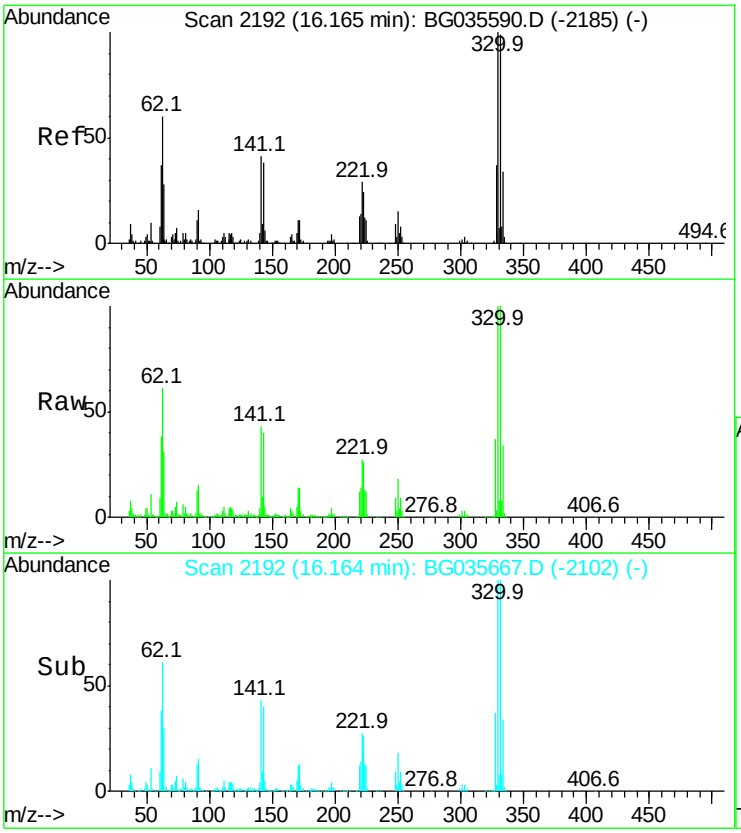
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:164 Resp: 149172

Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	46.5	35.4	53.0

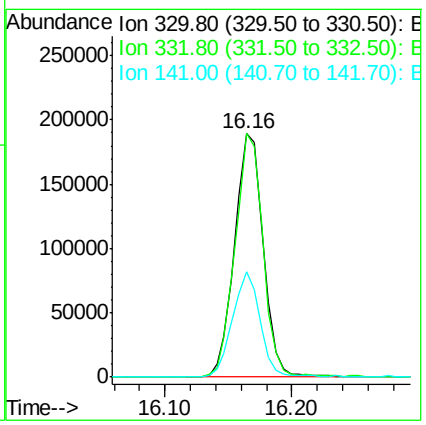


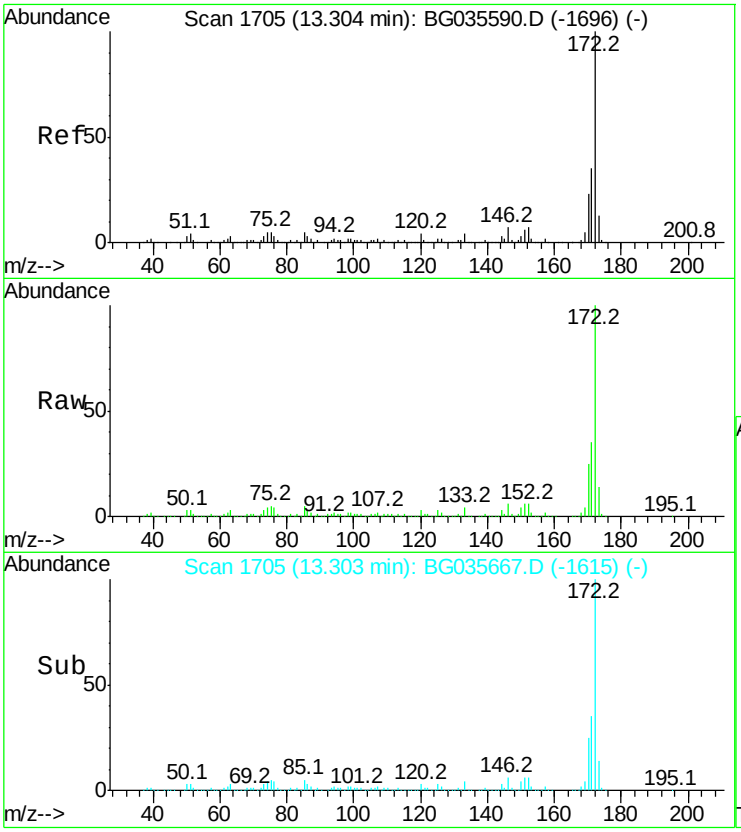


#41
2,4,6-Tribromophenol
Concen: 150.046 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Tgt Ion:330 Resp: 295018

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	41.3	25.2	37.8#



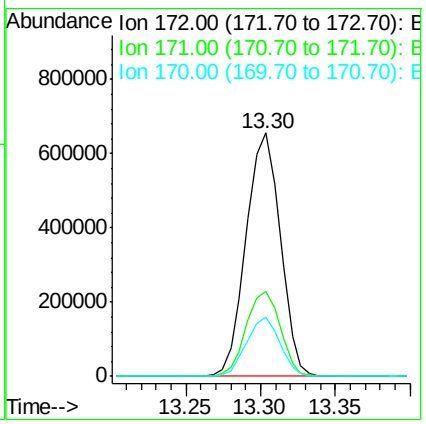


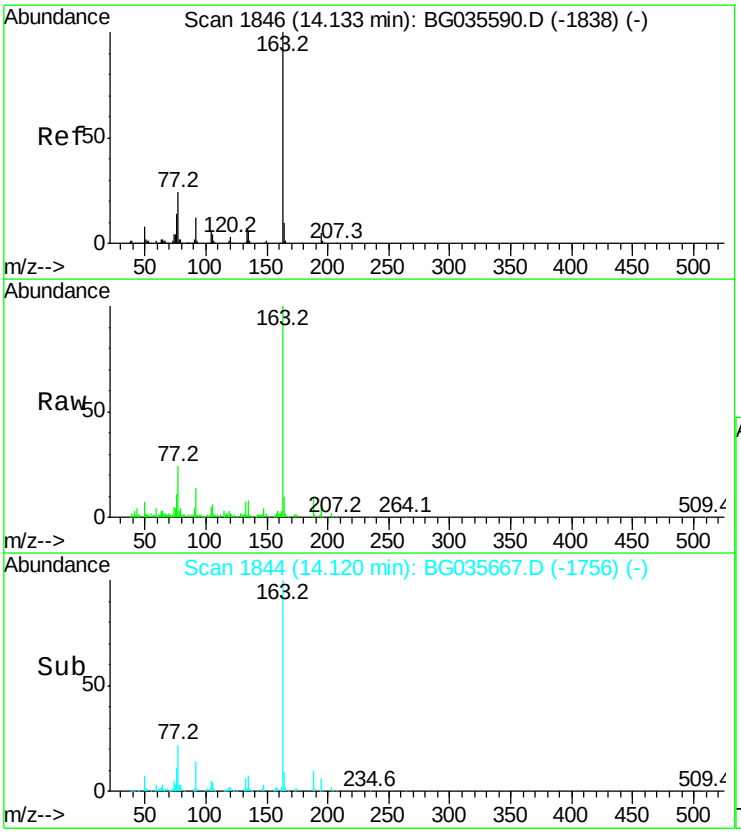
#44
2-Fluorobiphenyl
Concen: 93.379 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:172 Resp: 1039721

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	24.5	19.5	29.3

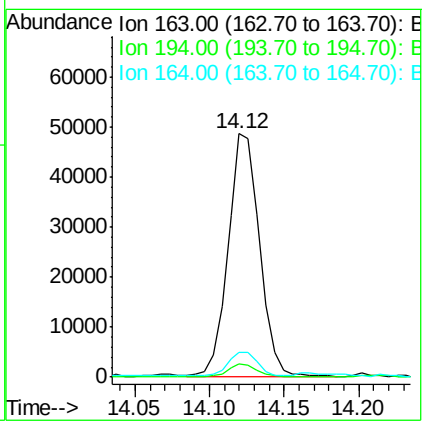


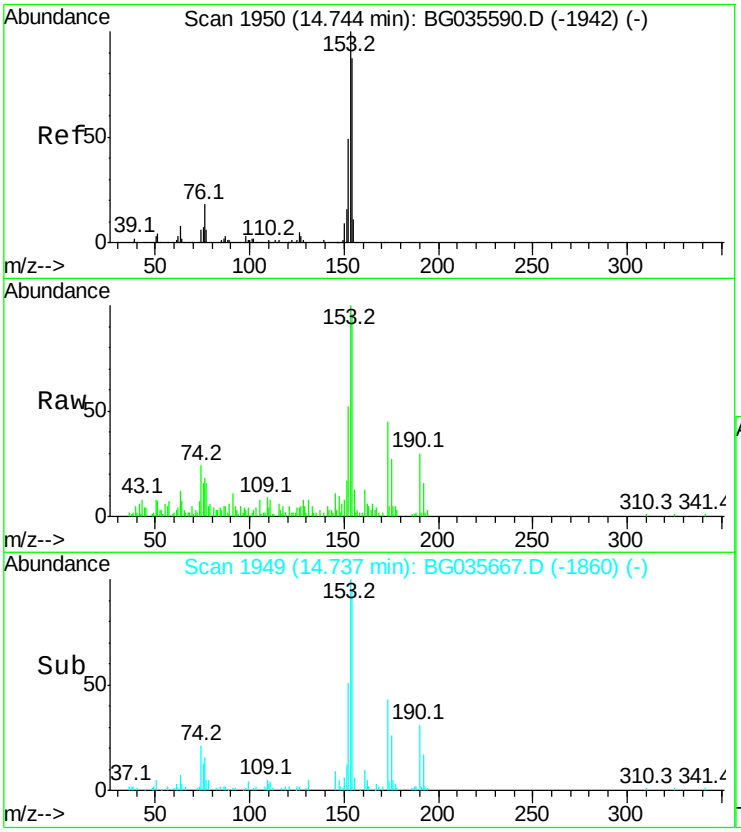


#49
Dimethylphthalate
Concen: 5.513 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Tgt Ion:163 Resp: 72059

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.2#
164	10.4	8.2	12.4



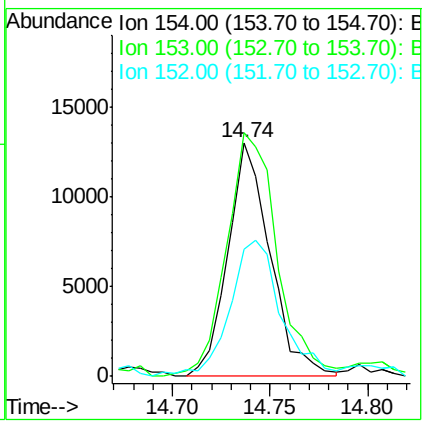


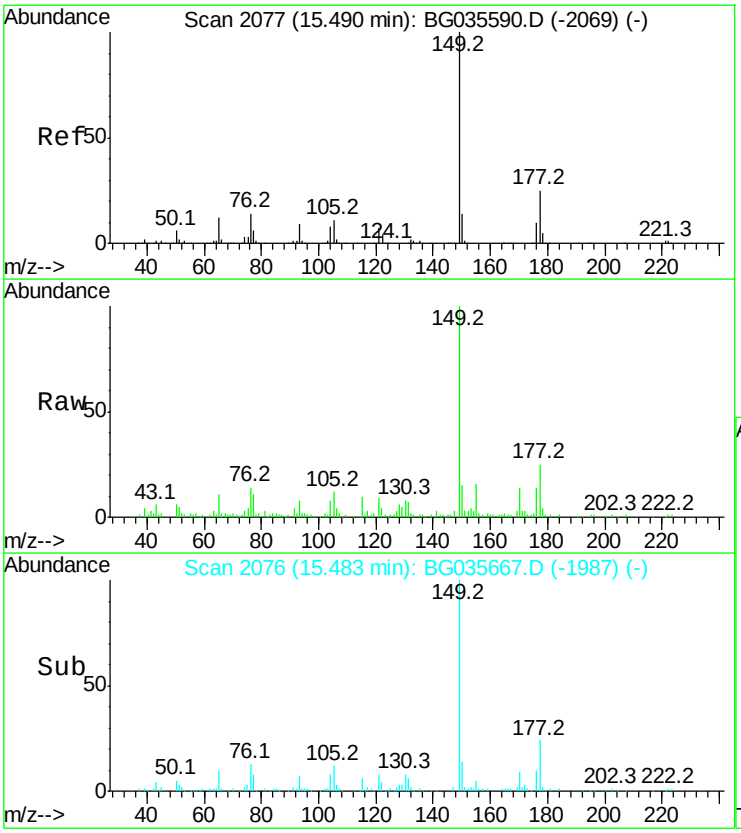
#51
Acenaphthene
Concen: 2.093 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:154 Resp: 19648

Ion	Ratio	Lower	Upper
154	100		
153	104.1	90.4	135.6
152	54.3	41.6	62.4

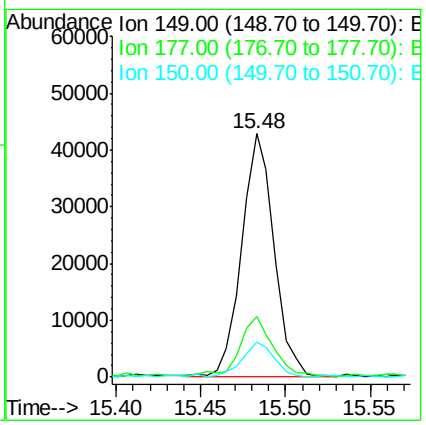


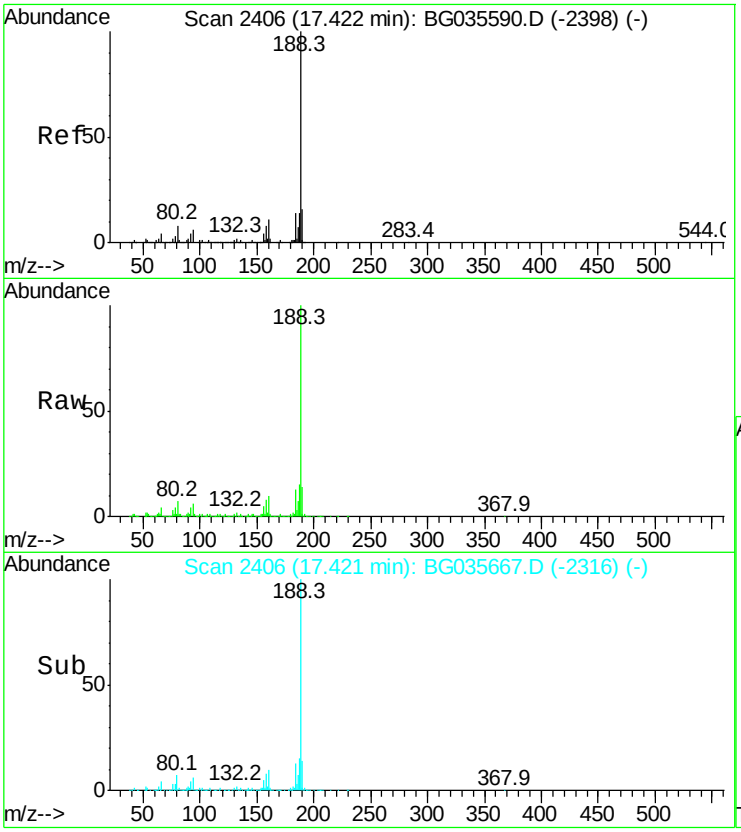


#59
Diethylphthalate
Concen: 4.259 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Tgt Ion:149 Resp: 57241

Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.5	27.7
150	14.5	10.2	15.2



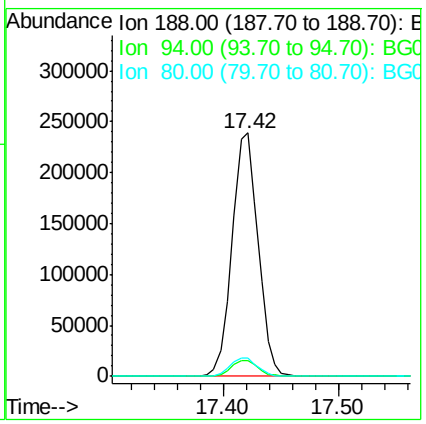


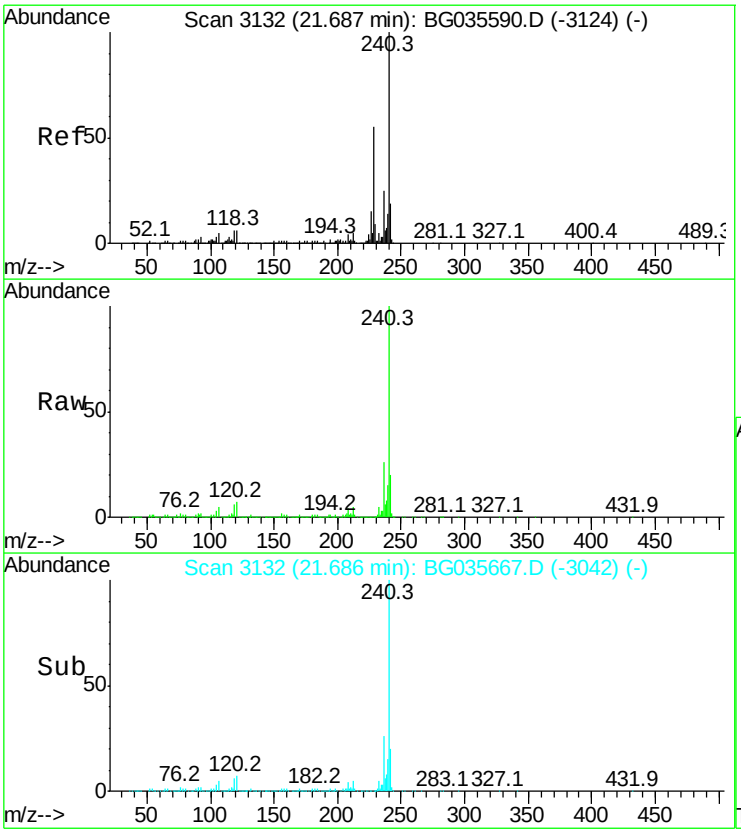
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:188 Resp: 372924

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.4	7.7	11.5#

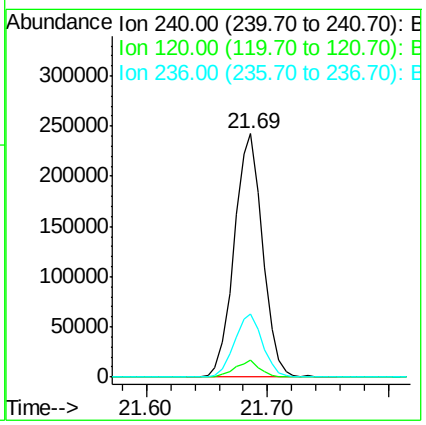


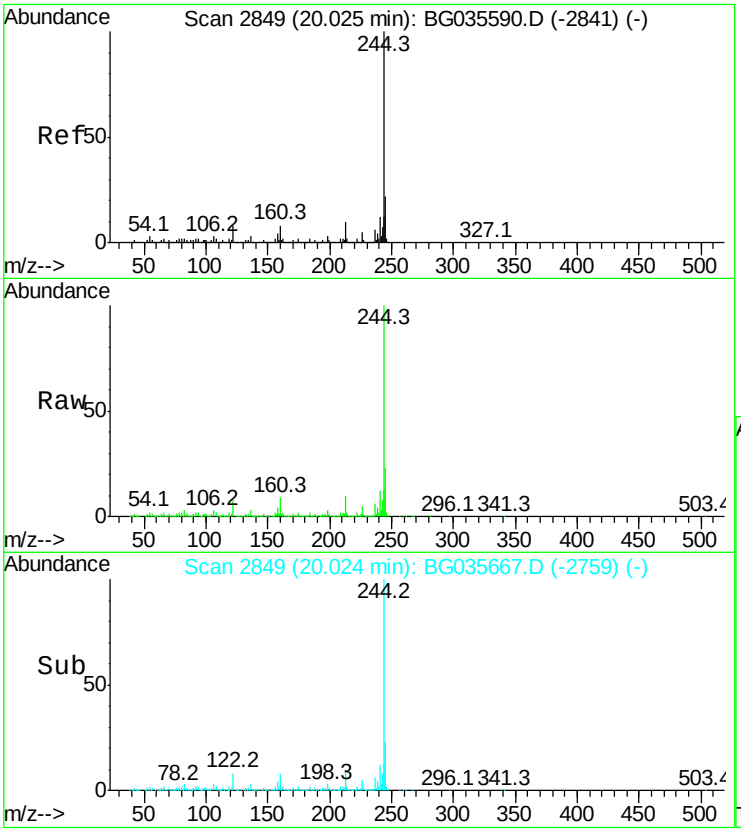


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Tgt Ion:240 Resp: 396644

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.8	10.2#
236	25.9	20.9	31.3



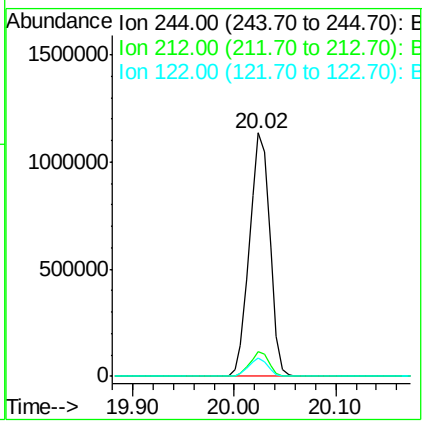


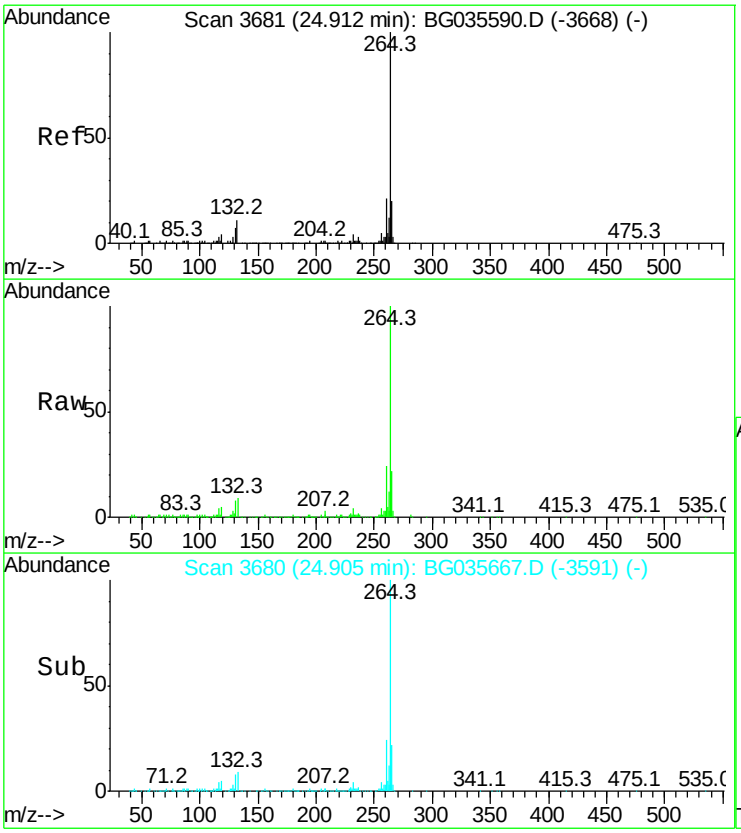
#78
Terphenyl-d14
Concen: 88.041 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:244 Resp: 1584220

Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.8	8.8#
122	7.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035667.D
Acq: 16 Jul 2018 13:22

Tgt Ion:264 Resp: 391139

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.6	17.7	26.5