Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038089.D
Acq On : 20 Nov 2018 17:29
Operator : JU/SJ
Sample : J5994-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180923-SITE-WATER

Quant Time: Nov 21 03:48:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	40221	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	181144	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	114000	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	253681	20.00	ng	0.00
76) Chrysene-d12	21.75	240	238866	20.00	ng	0.00
87) Perylene-d12	25.07	264	243565	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	92776	39.83	ng	0.00
7) Phenol-d6	7.23	99	82986	24.96	ng	0.00
23) Nitrobenzene-d5	9.26	82	192403	56.86	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	92574	71.20	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	446251	57.03	ng	0.00
79) Terphenyl-d14	20.07	244	633555	62.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.25	94	30081	8.540	ng	97
50) Dimethylphthalate	14.16	163	68115	7.537	ng	98

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

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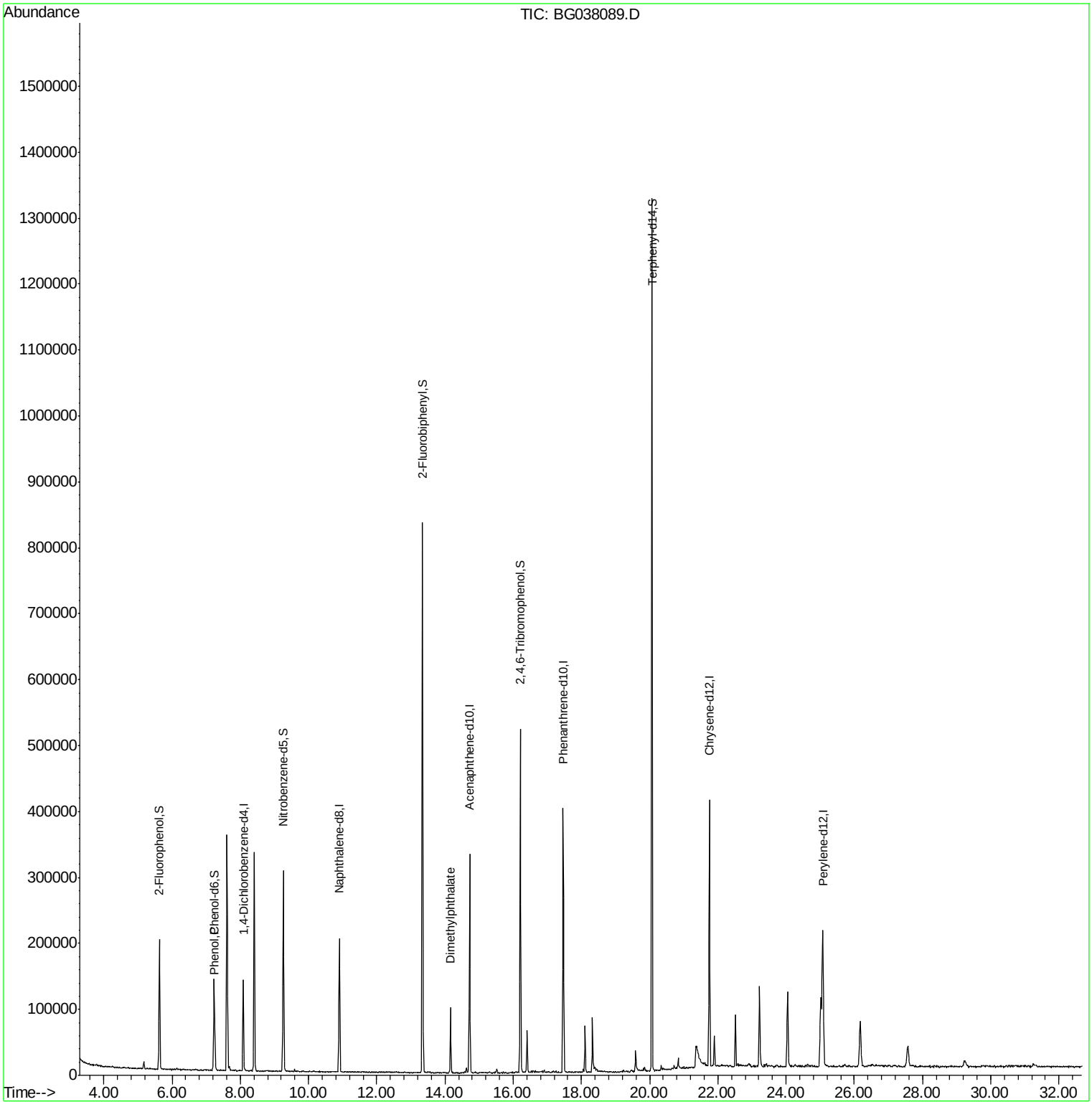
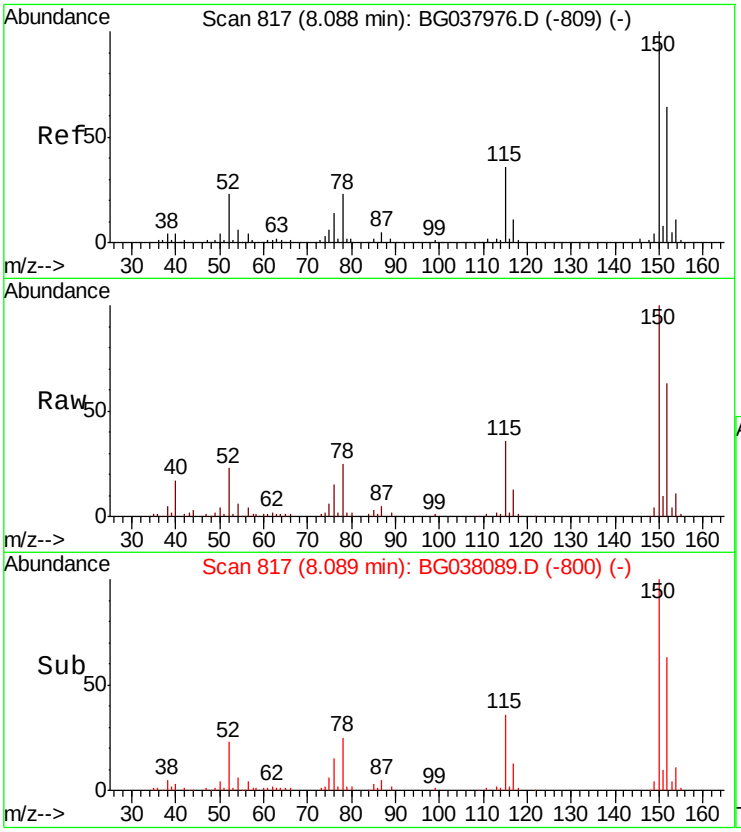


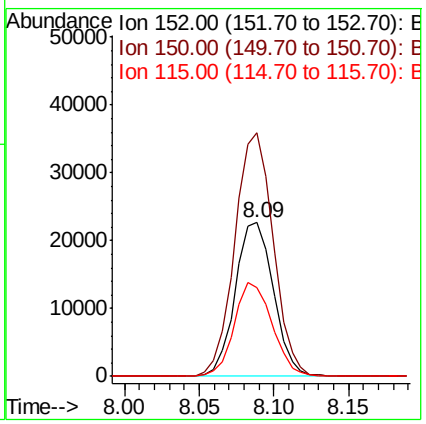


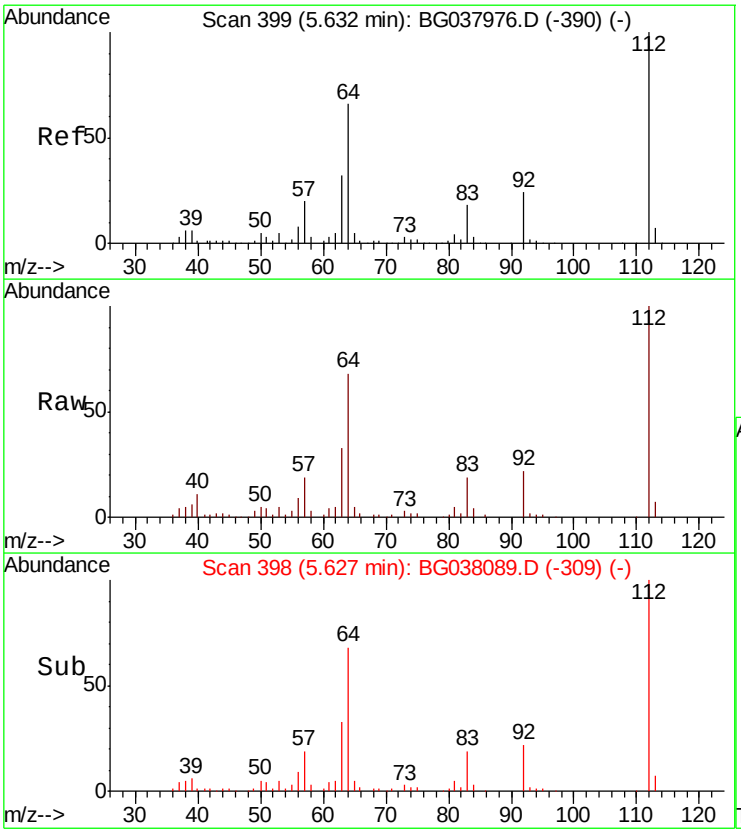
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

Tgt Ion:152 Resp: 40221

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.0	189.0
115	57.5	45.5	68.3

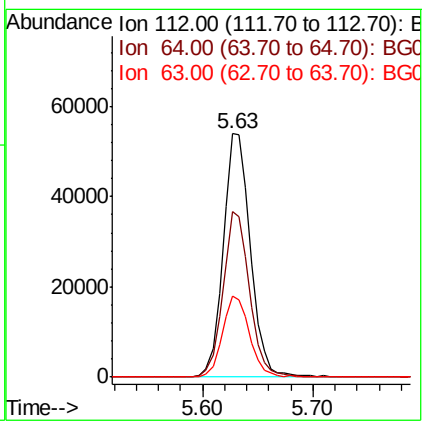


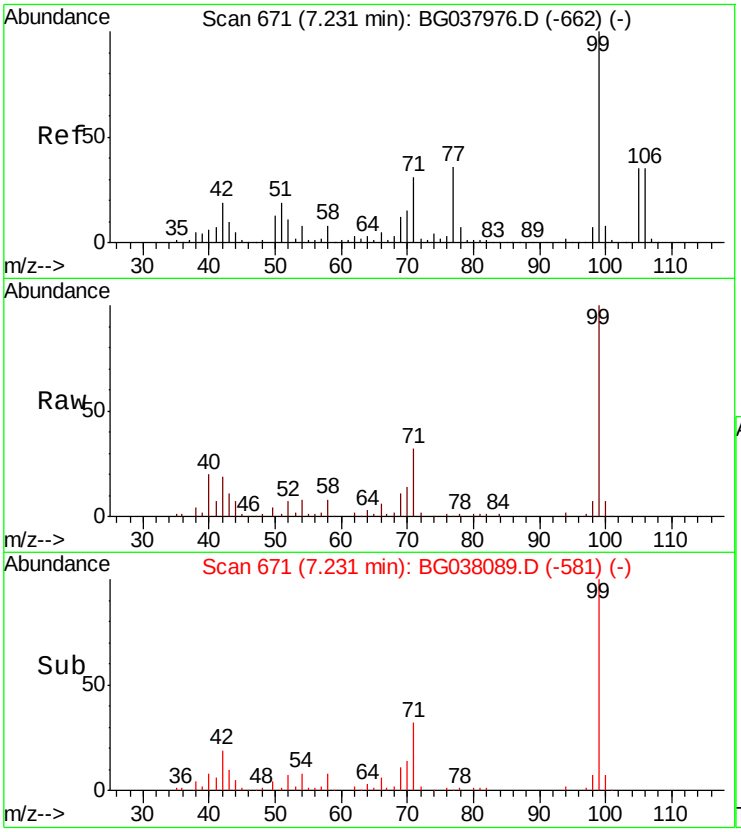


#5
2-Fluorophenol
Concen: 39.826 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Tgt Ion:112 Resp: 92776

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.1	79.7
63	33.4	27.3	40.9



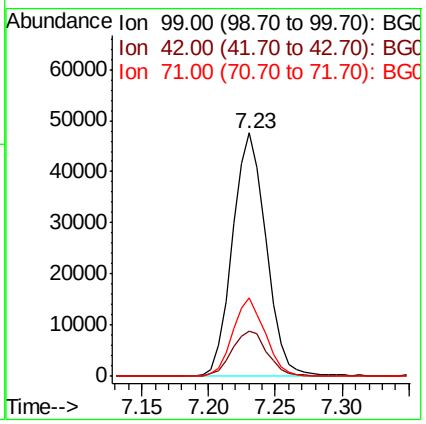


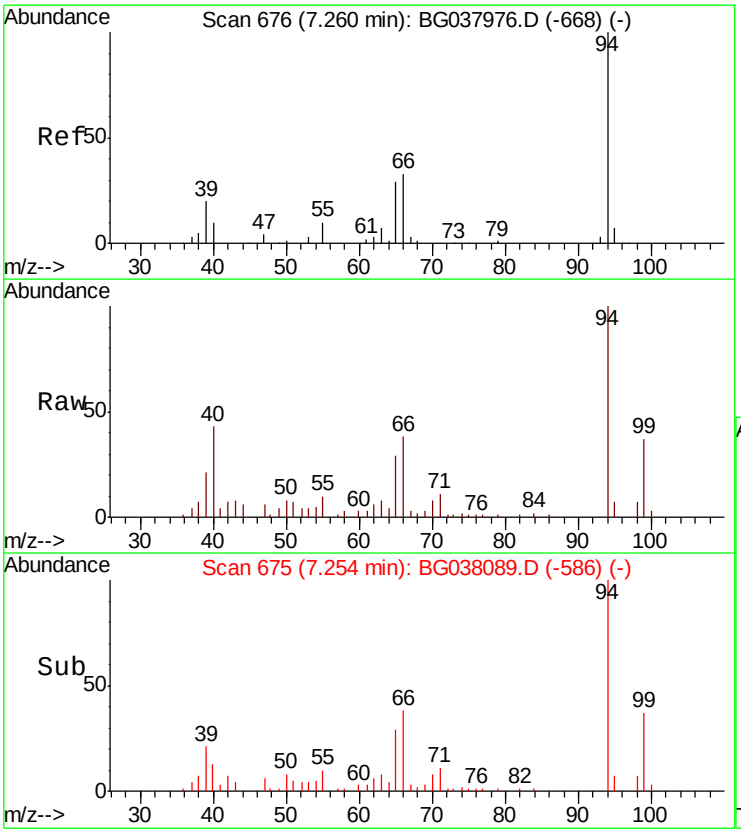
#7
Phenol-d6
Concen: 24.956 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

Tgt Ion: 99 Resp: 82986

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	32.3	25.5	38.3

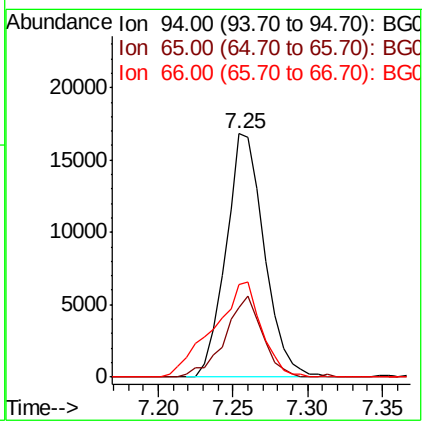


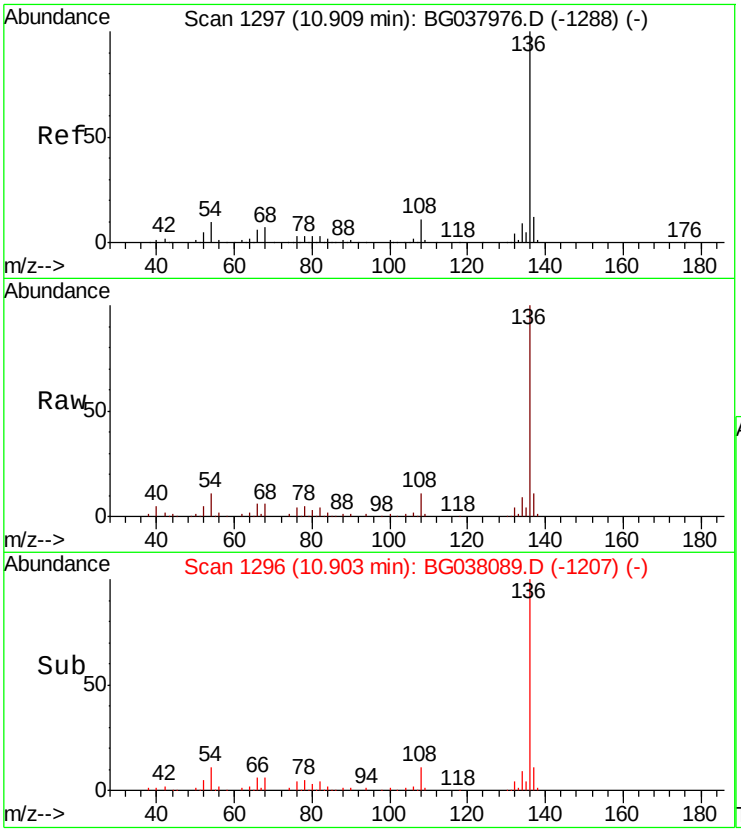


#10
Phenol
Concen: 8.540 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Tgt Ion: 94 Resp: 30081

Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.7	49.7
66	38.2	15.9	55.9



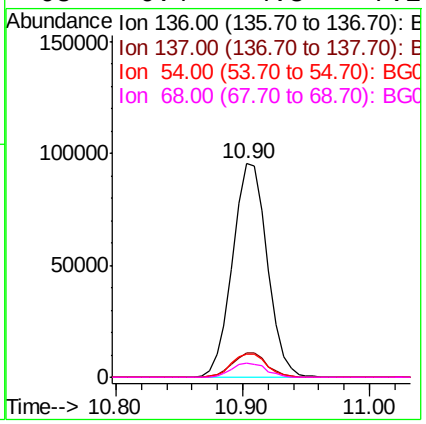


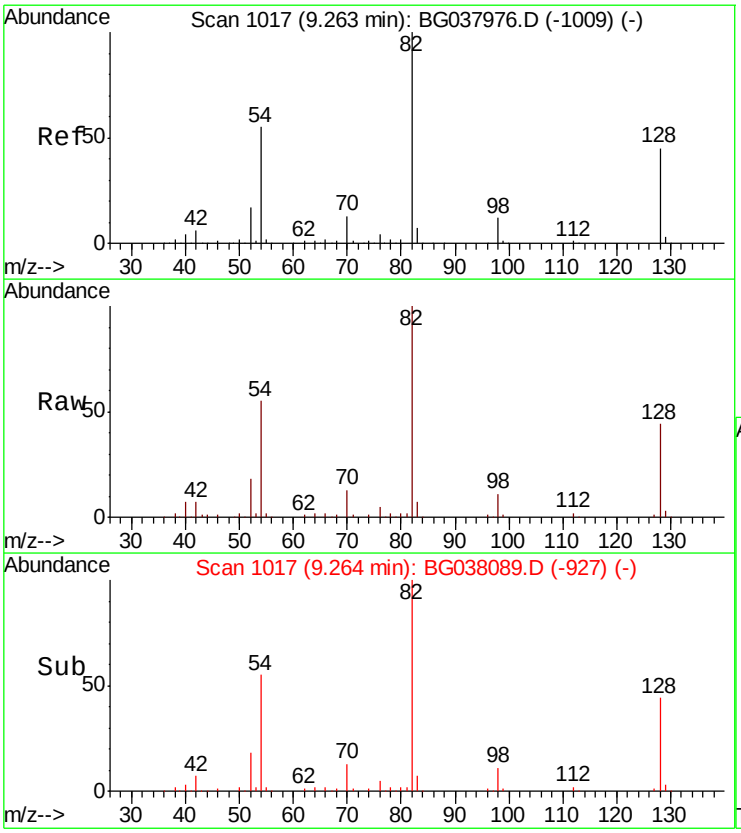
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

Tgt Ion:136 Resp: 181144

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	11.1	7.9	11.9
68	6.4	4.8	7.2

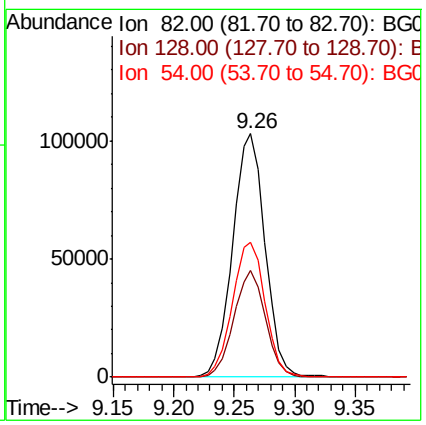


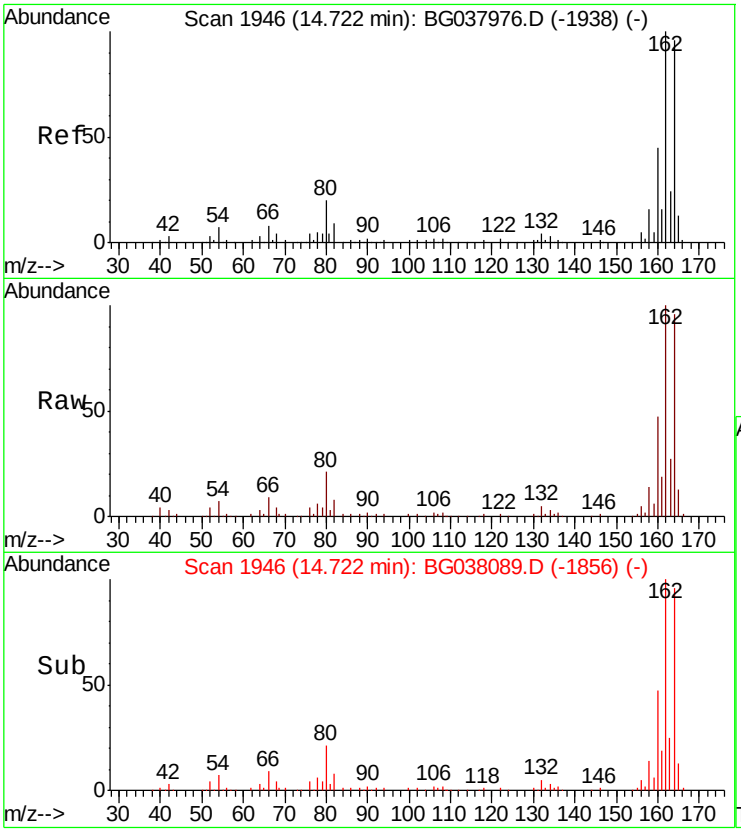


#23
Nitrobenzene-d5
Concen: 56.858 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Tgt Ion: 82 Resp: 192403

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	55.3	45.3	67.9



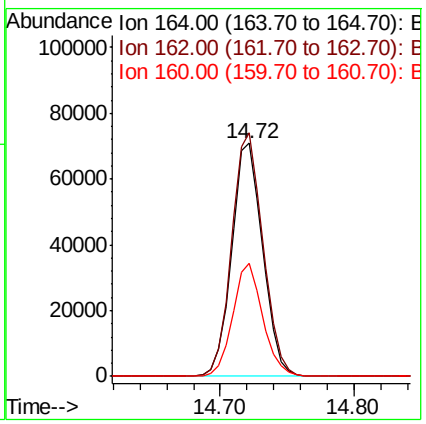


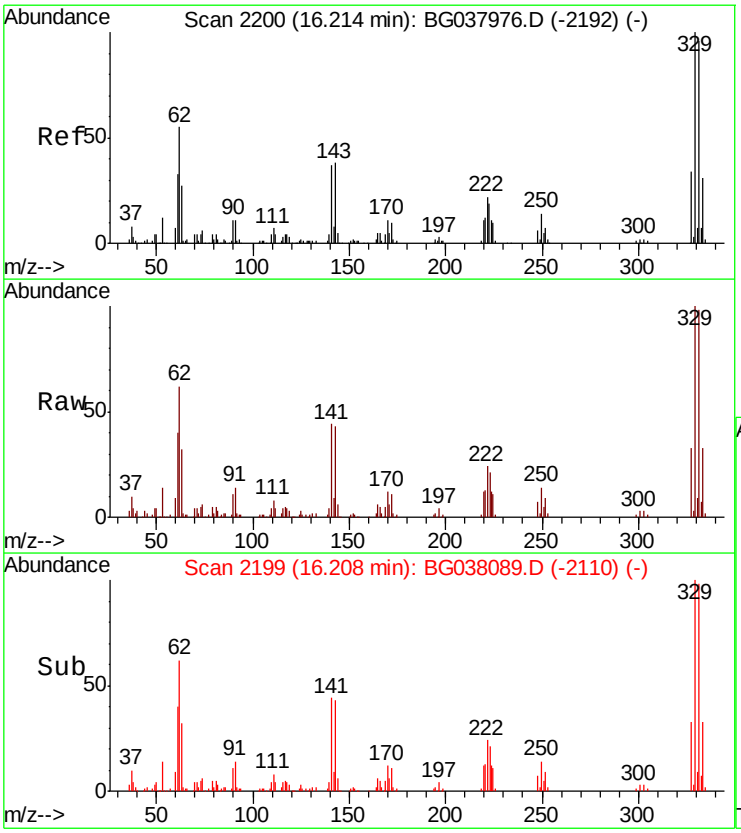
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

Tgt Ion:164 Resp: 114000

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.3	121.9
160	48.7	36.3	54.5

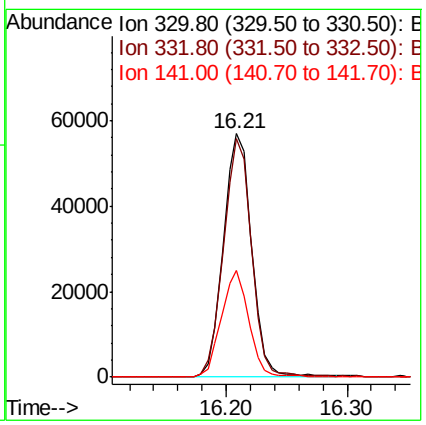


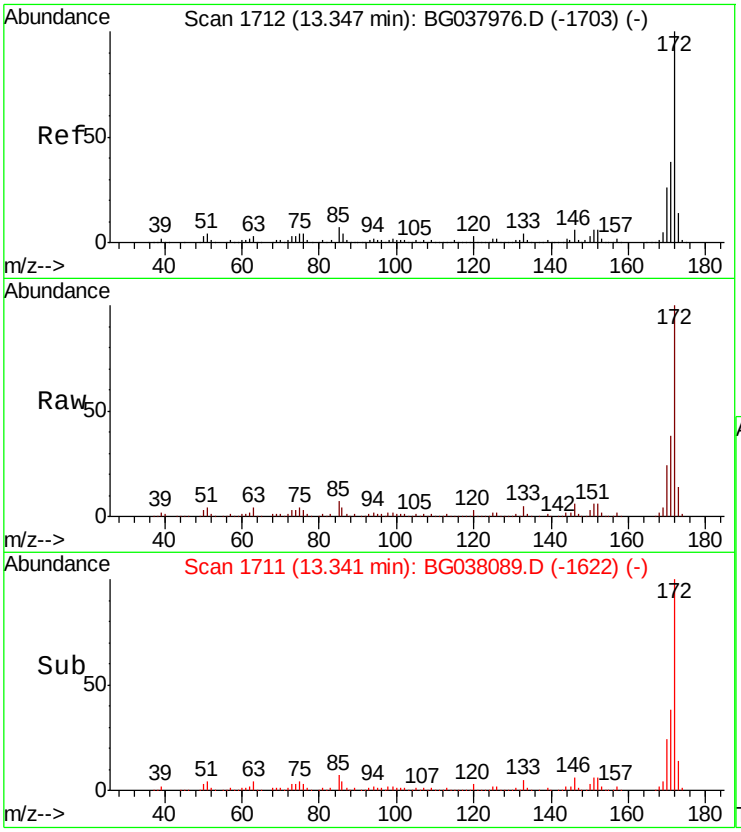


#42
2,4,6-Tribromophenol
Concen: 71.203 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Tgt Ion:330 Resp: 92574

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	42.1	32.2	48.2



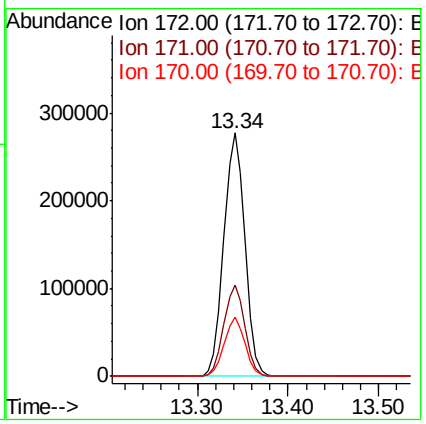


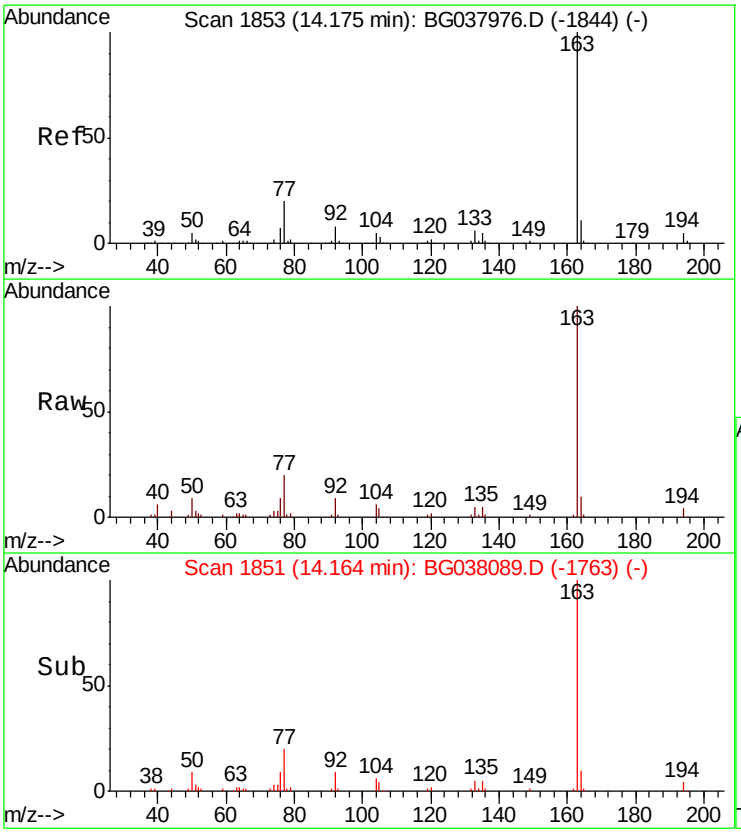
#45
2-Fluorobiphenyl
Concen: 57.028 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

Tgt Ion:172 Resp: 446251

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.4	20.2	30.2

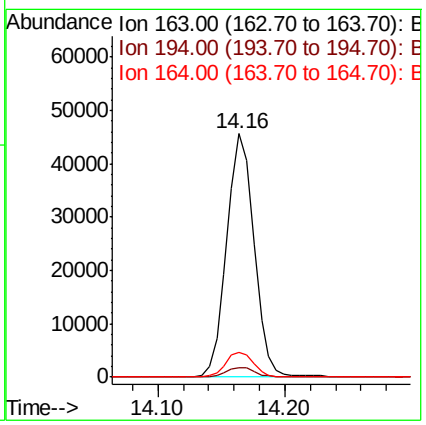


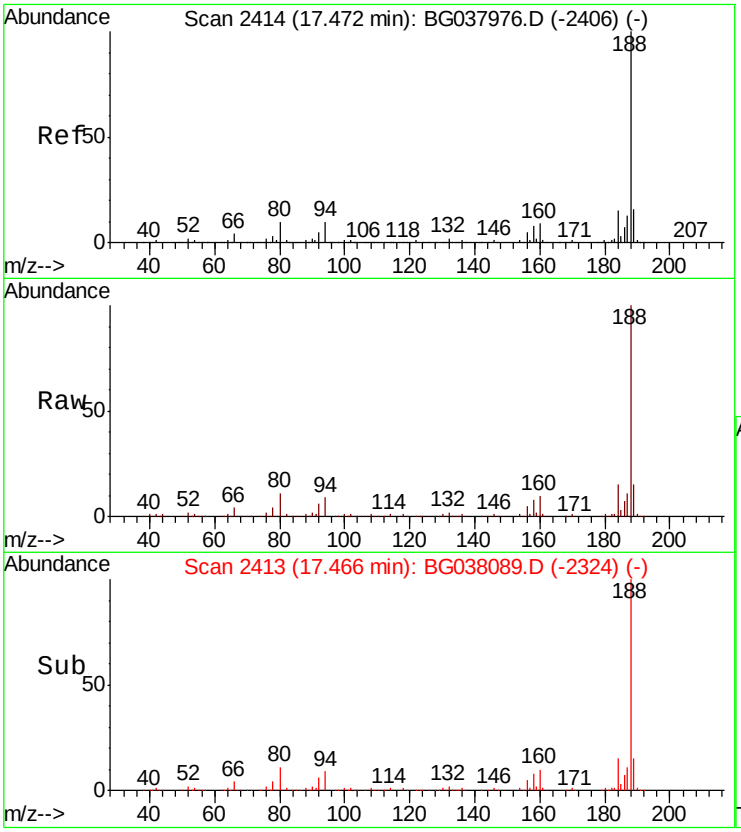


#50
Dimethylphthalate
Concen: 7.537 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Tgt Ion:163 Resp: 68115

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	10.1	8.5	12.7



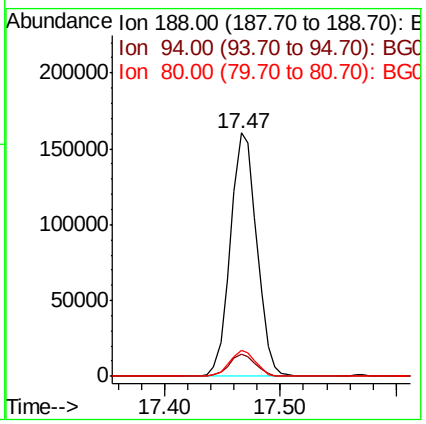


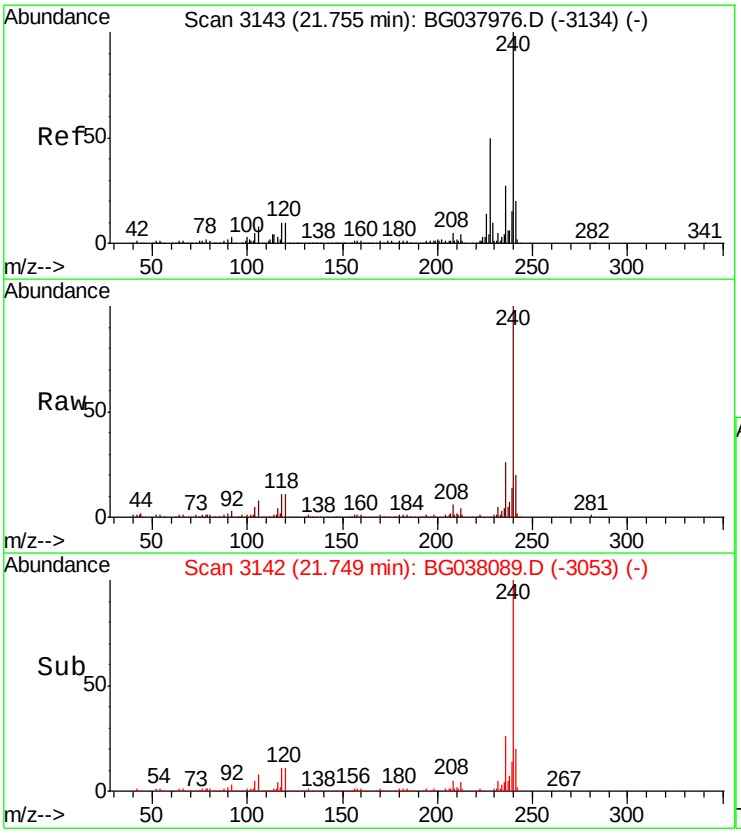
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

Tgt Ion:188 Resp: 253681

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.7	7.7	11.5

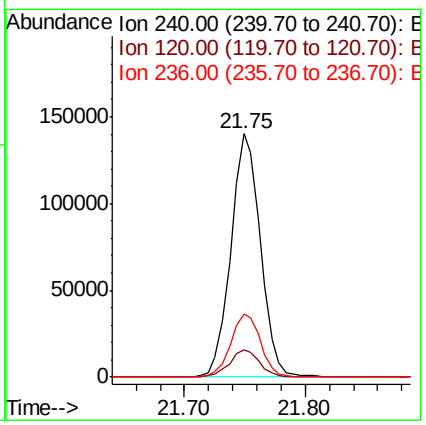


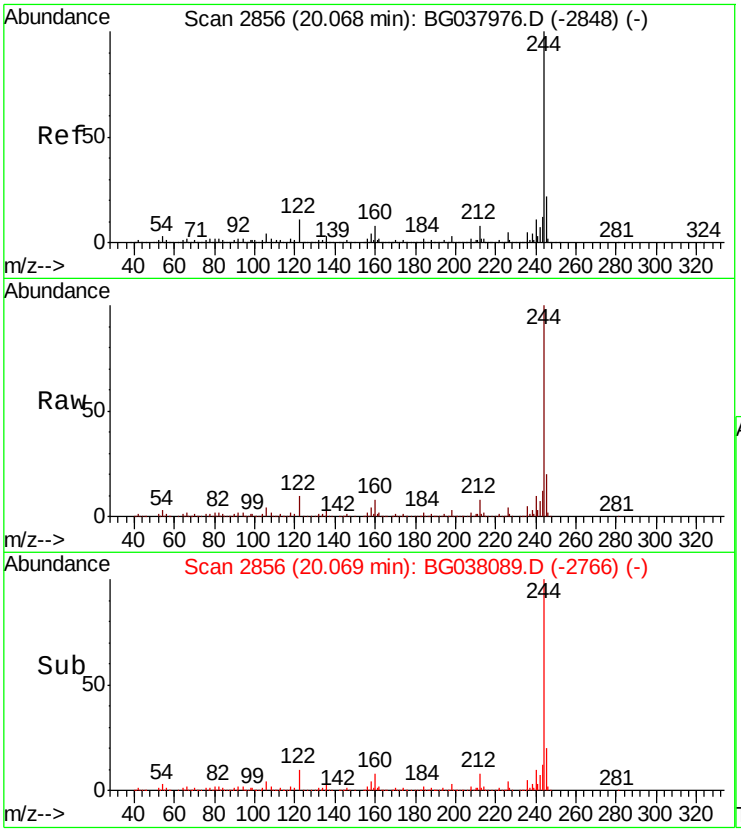


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Tgt Ion:240 Resp: 238866

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	25.8	21.4	32.0



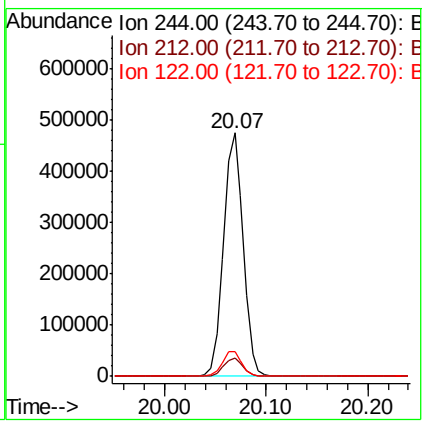


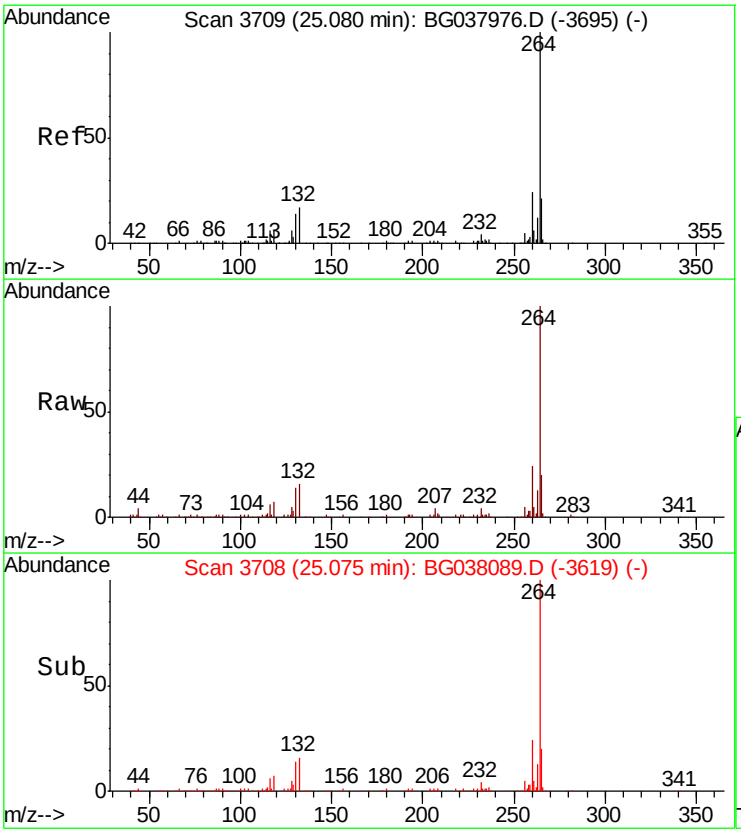
#79
Terphenyl-d14
Concen: 62.410 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

Tgt Ion:244 Resp: 633555

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Tgt Ion:264 Resp: 243565

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	20.4	17.9	26.9