Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043265.D
Acq On : 17 Oct 2019 17:05
Operator : JU
Sample : K5337-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HHT-WATER

Quant Time: Oct 17 17:55:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49929	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	199005	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	151585	20.00	ng		-0.02
64) Phenanthrene-d10	17.41	188	336405	20.00	ng		0.00
76) Chrysene-d12	21.69	240	364206	20.00	ng		0.00
87) Perylene-d12	24.91	264	426756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	216151	77.26	ng		-0.02
7) Phenol-d6	7.21	99	203872	50.60	ng		-0.02
23) Nitrobenzene-d5	9.20	82	275657	67.33	ng		-0.02
42) 2,4,6-Tribromophenol	16.16	330	282392	108.34	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	719849	68.84	ng		-0.02
79) Terphenyl-d14	20.02	244	1399505	81.88	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	17197	4.652	ng		93
50) Dimethylphthalate	14.11	163	183570	16.163	ng	#	98
74) Di-n-butylphthalate	18.37	149	920376	50.737	ng		100

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

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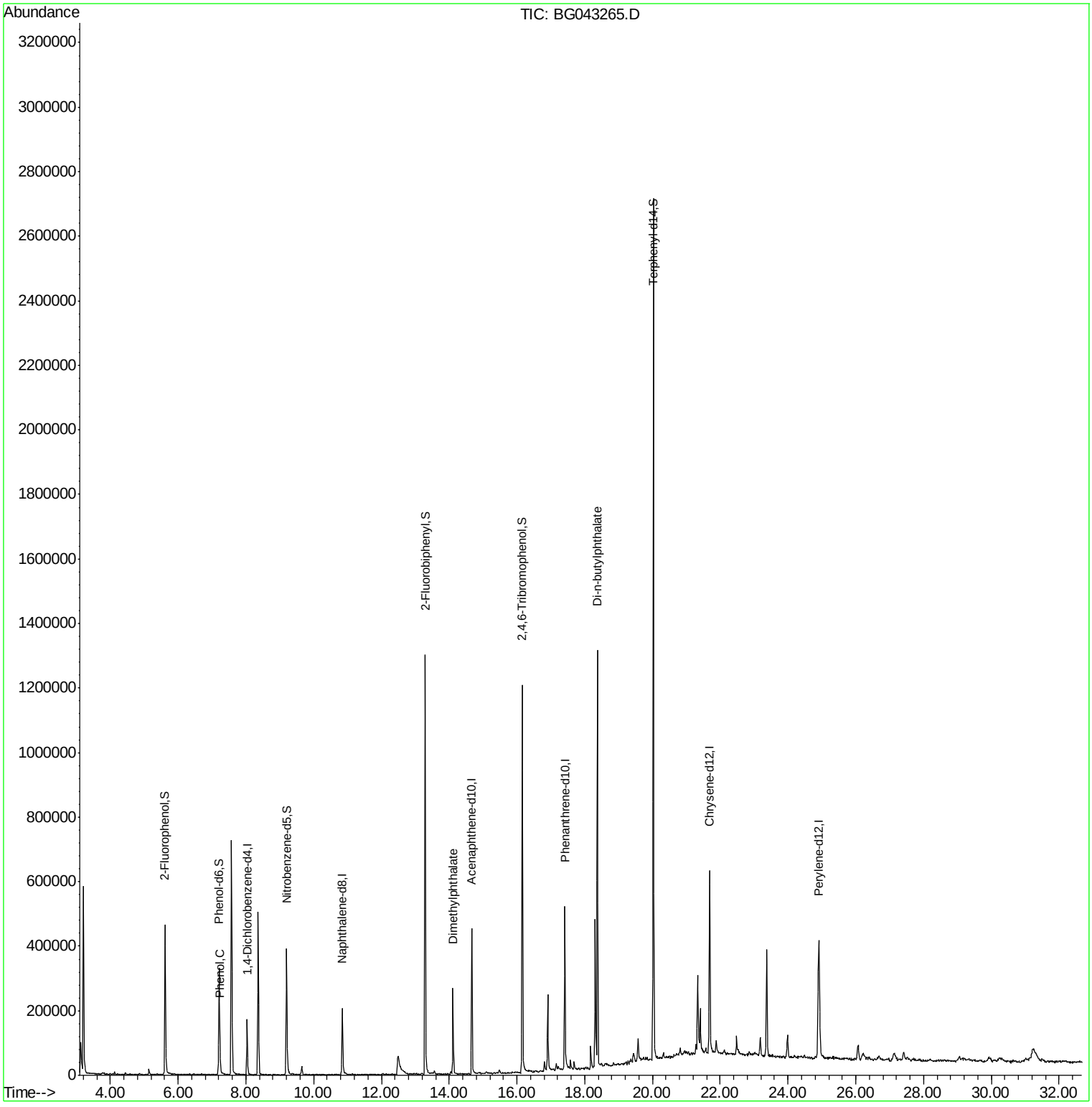
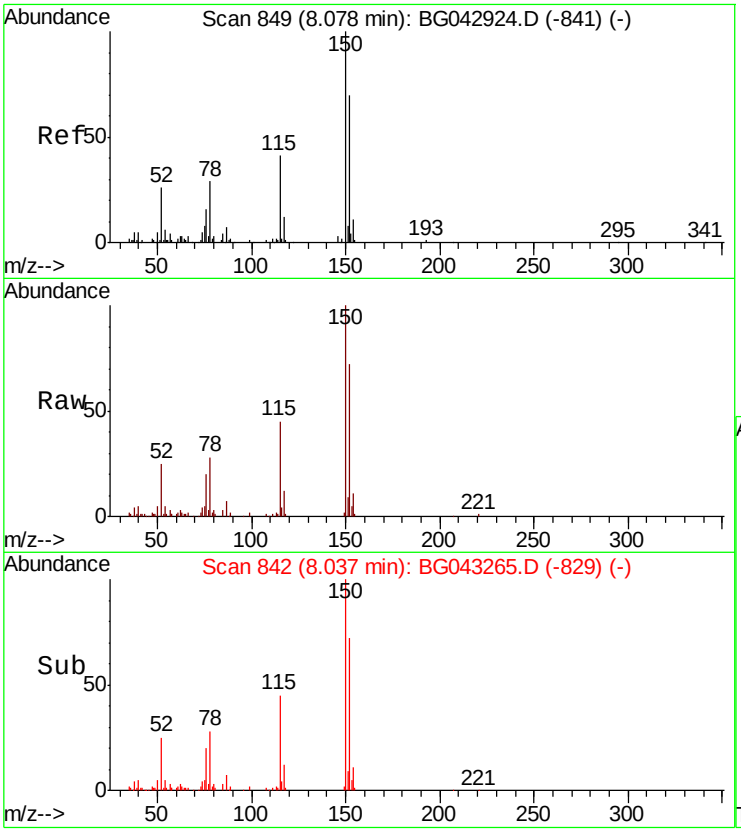


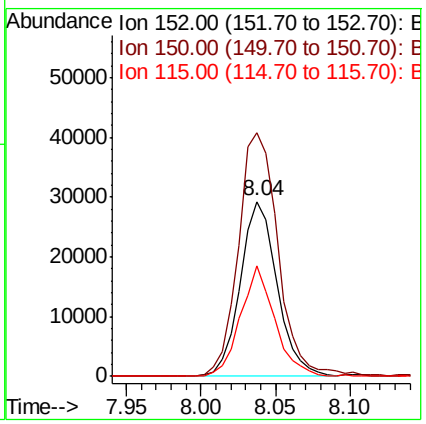


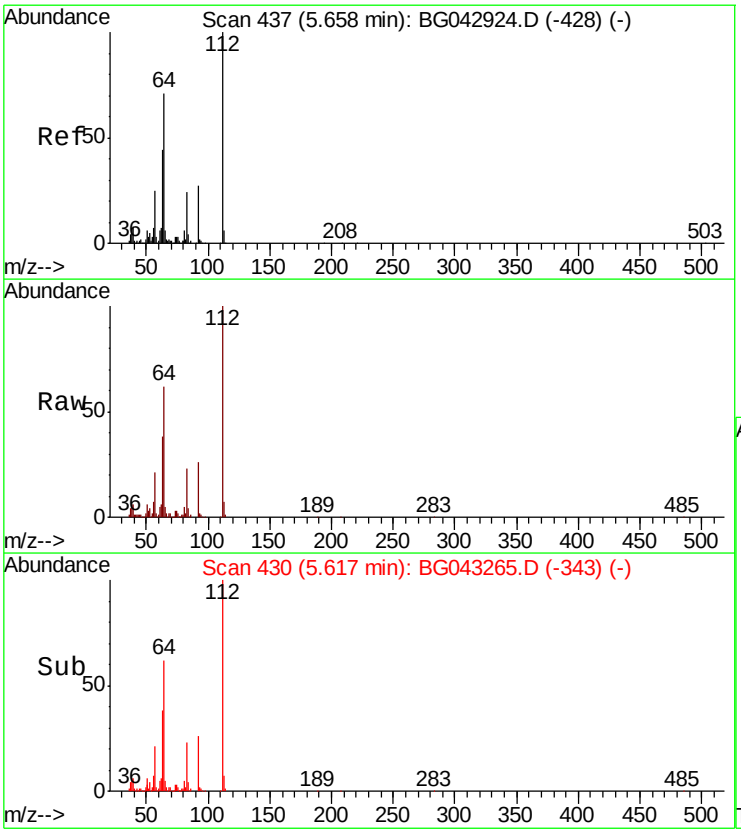
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
HHT-WATER

Tgt Ion:152 Resp: 49929

Ion	Ratio	Lower	Upper
152	100		
150	139.5	115.0	172.4
115	63.5	47.0	70.6

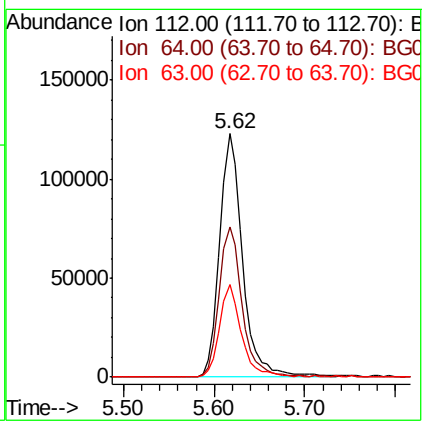


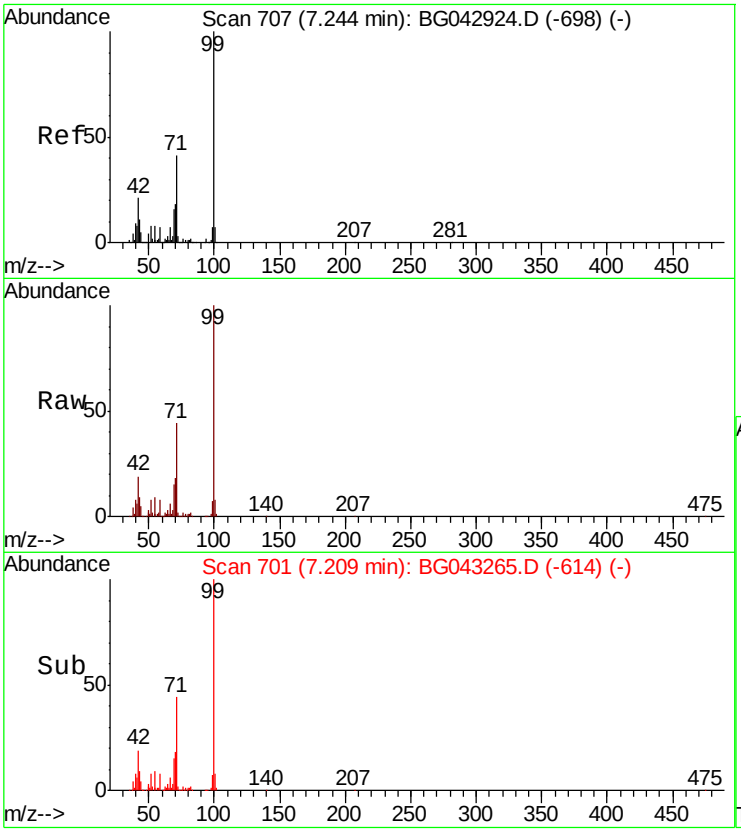


#5
2-Fluorophenol
Concen: 77.259 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.02 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Tgt Ion:112 Resp: 216151

Ion	Ratio	Lower	Upper
112	100		
64	61.7	56.6	84.8
63	38.0	35.1	52.7



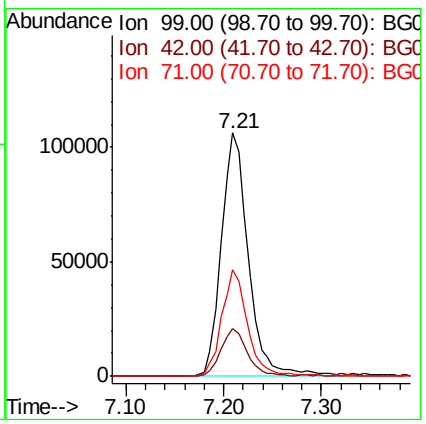


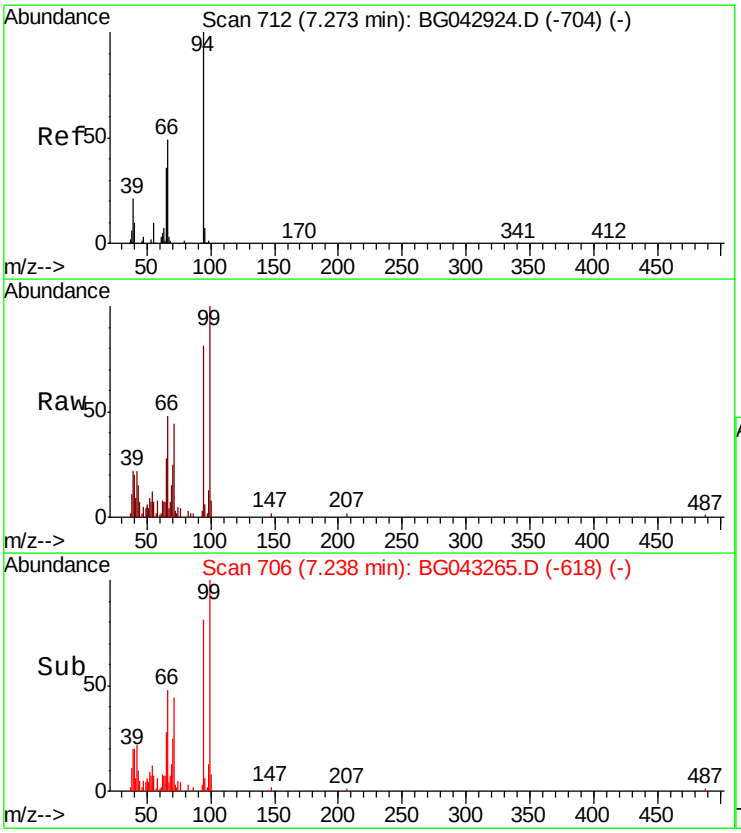
#7
Phenol-d6
Concen: 50.602 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
HHT-WATER

Tgt Ion: 99 Resp: 203872

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.2	25.8
71	44.1	33.1	49.7

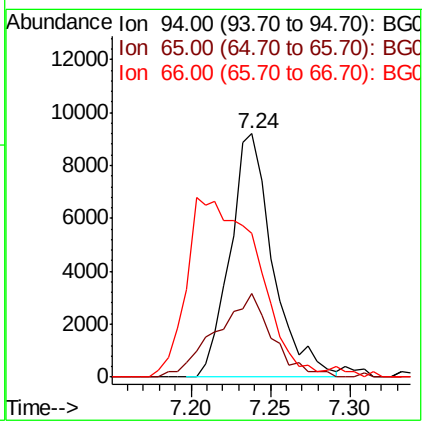


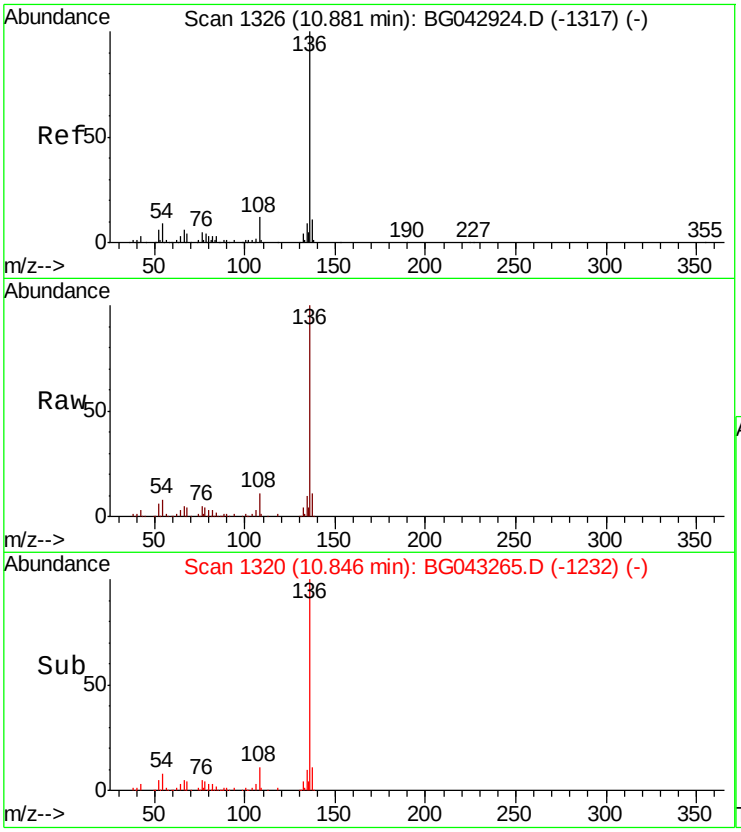


#10
Phenol
Concen: 4.652 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.02 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Tgt Ion: 94 Resp: 17197

Ion	Ratio	Lower	Upper
94	100		
65	34.5	16.6	56.6
66	59.3	32.4	72.4



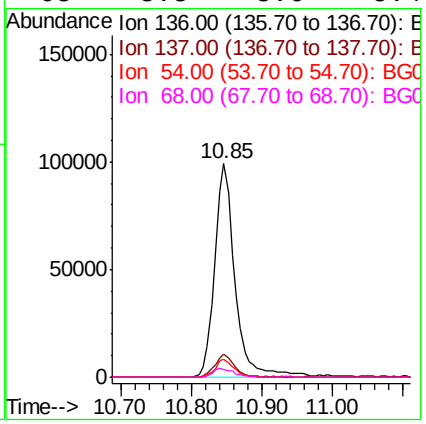


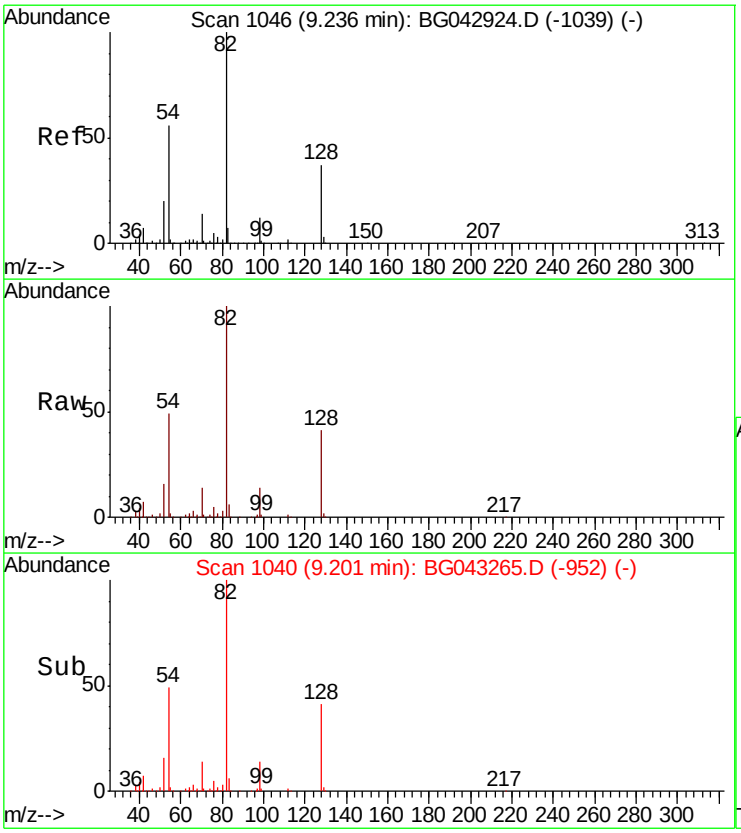
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
HHT-WATER

Tgt Ion:136 Resp: 199005

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.2	7.4	11.2
68	3.8	3.6	5.4

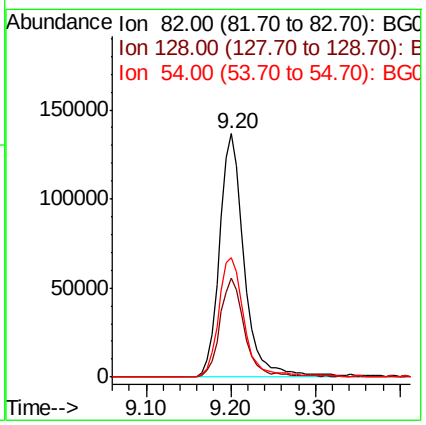


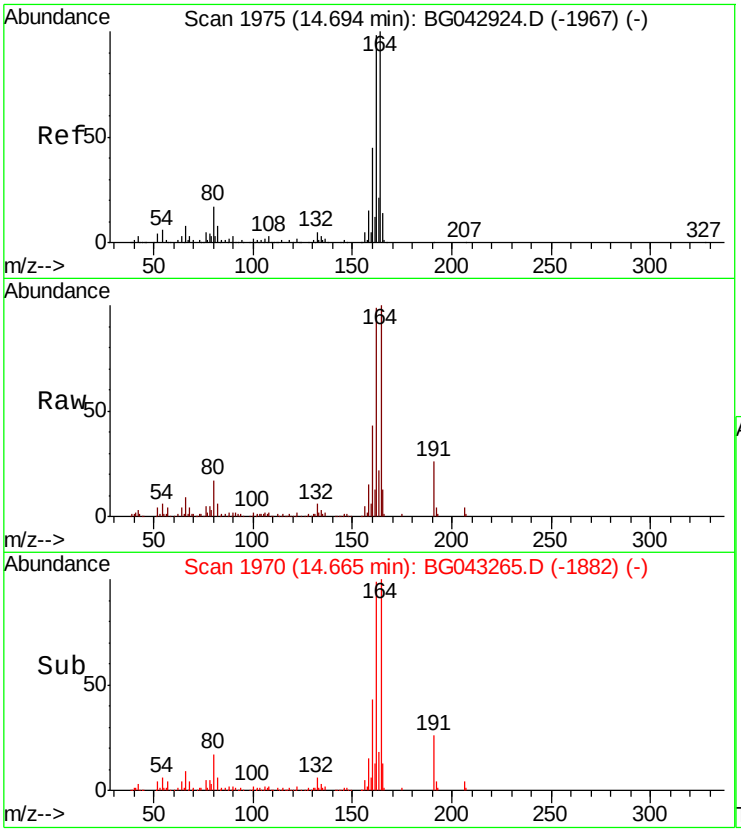


#23
Nitrobenzene-d5
Concen: 67.327 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Tgt Ion: 82 Resp: 275657

Ion	Ratio	Lower	Upper
82	100		
128	40.6	29.5	44.3
54	48.9	44.6	67.0



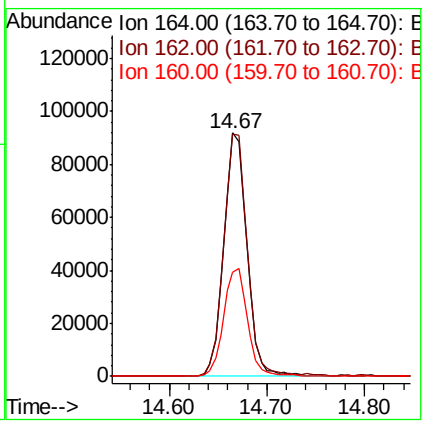


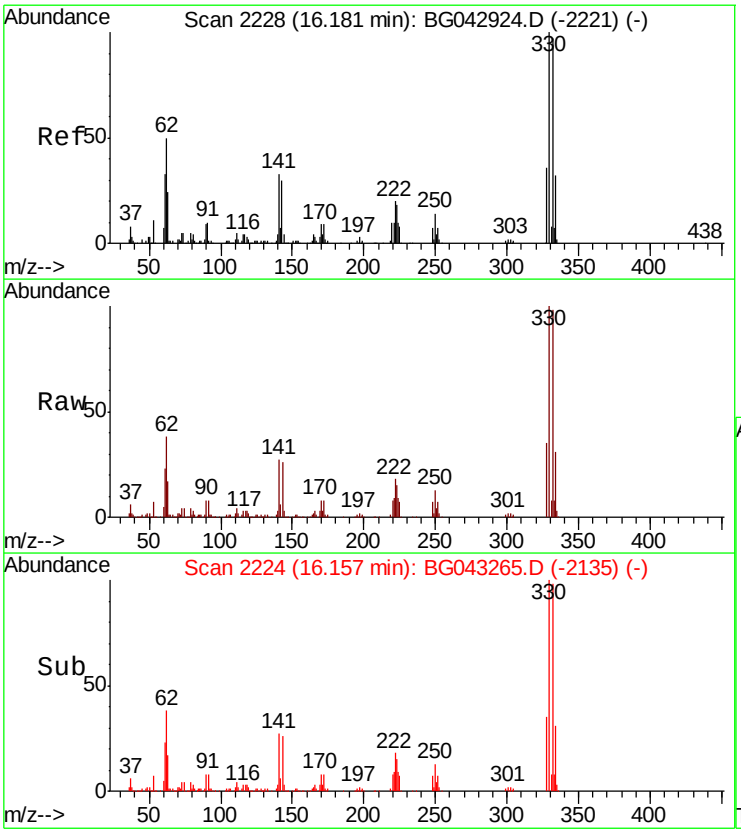
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
HHT-WATER

Tgt Ion:164 Resp: 151585

Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.5	117.7
160	42.7	35.9	53.9

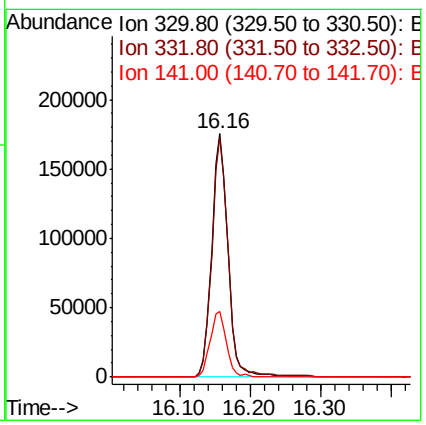


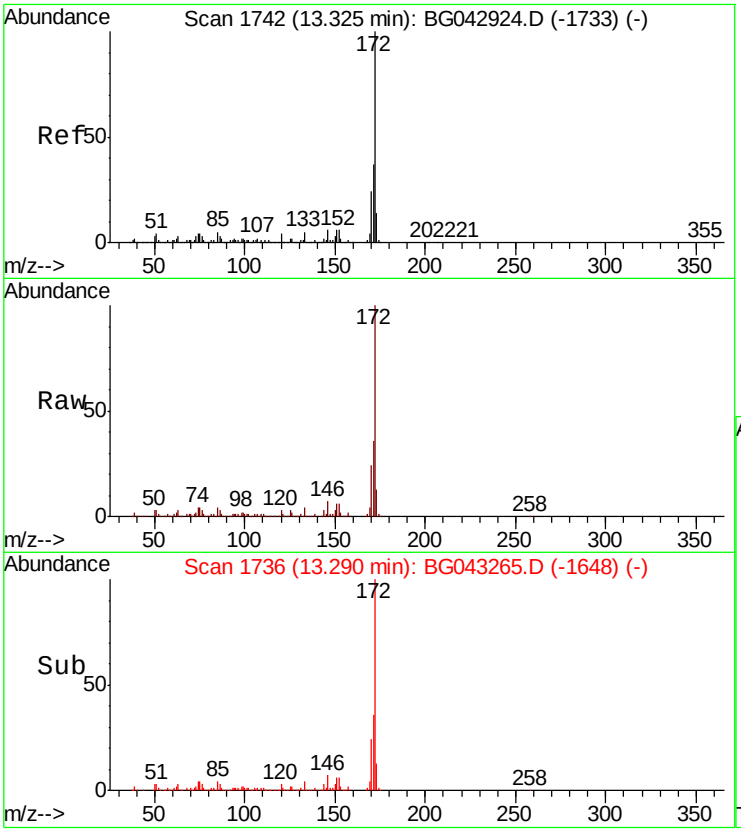


#42
2,4,6-Tribromophenol
Concen: 108.337 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Tgt Ion:330 Resp: 282392

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.2	117.2
141	27.4	26.0	39.0



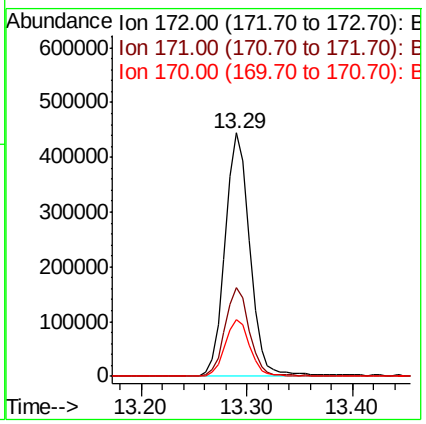


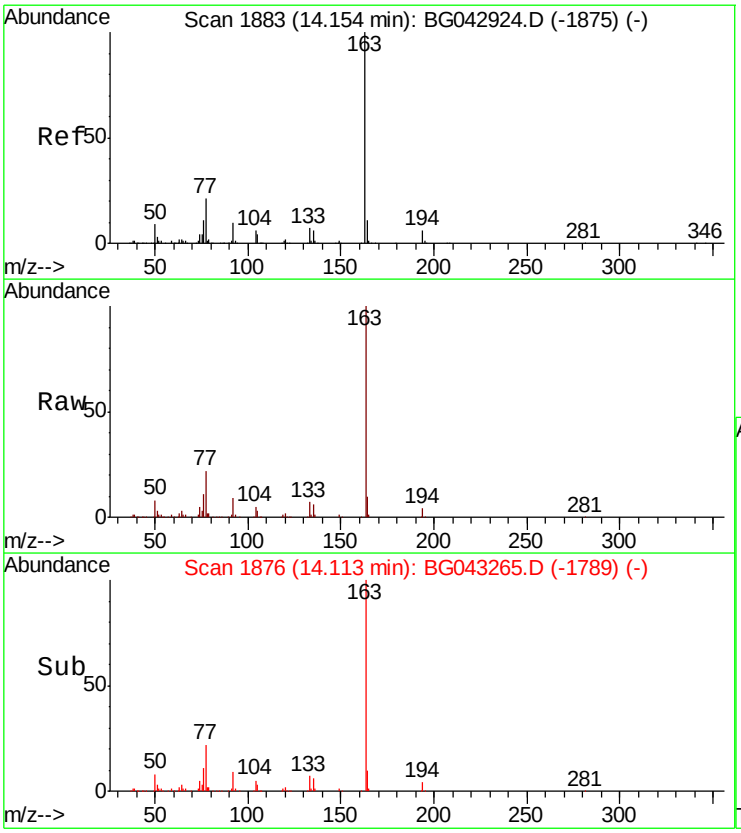
#45
2-Fluorobiphenyl
Concen: 68.843 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
HHT-WATER

Tgt Ion:172 Resp: 719849

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.5	19.6	29.4

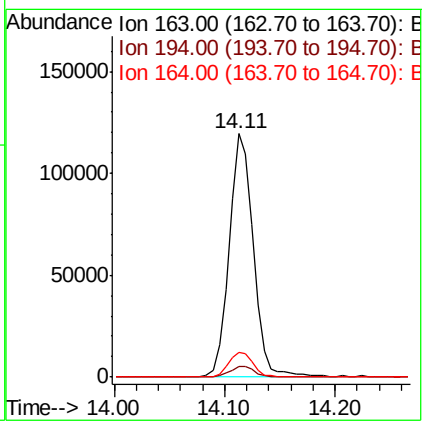


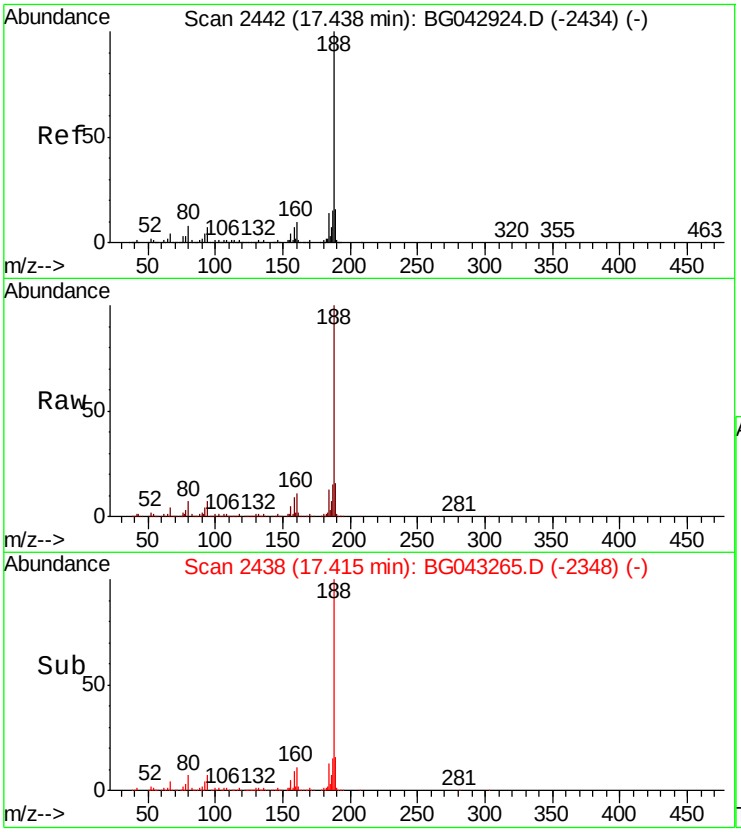


#50
Dimethylphthalate
Concen: 16.163 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Tgt Ion:163 Resp: 183570

Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.4	6.6#
164	10.4	8.6	12.8



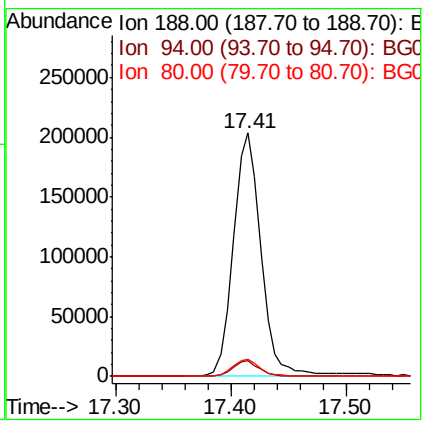


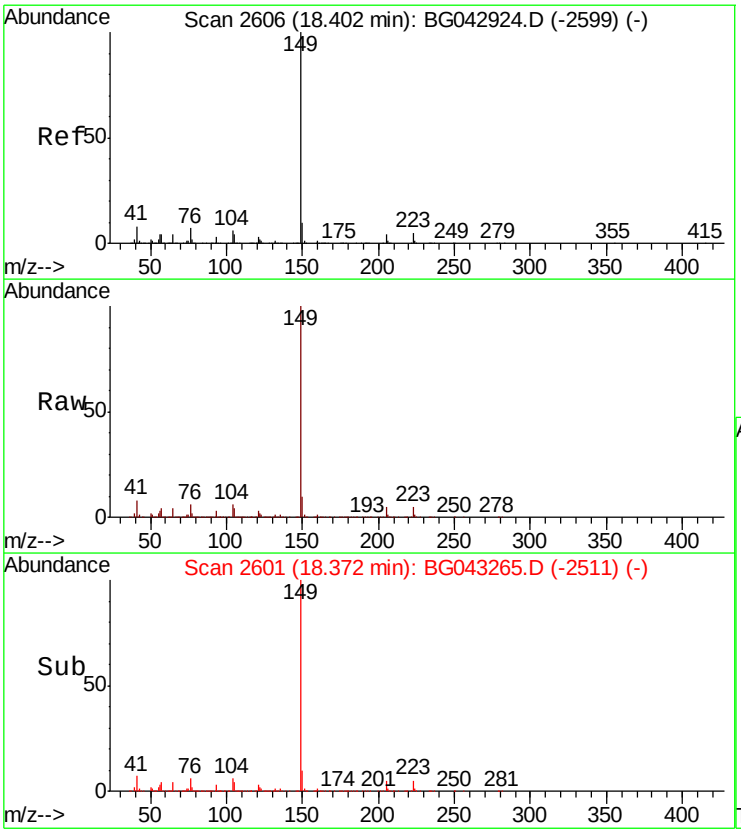
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
HHT-WATER

Tgt Ion:188 Resp: 336405

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.7	8.5
80	7.1	6.5	9.7

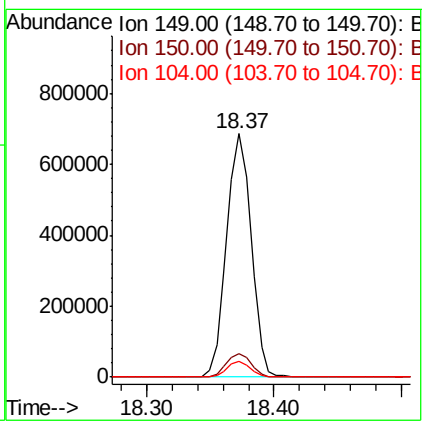


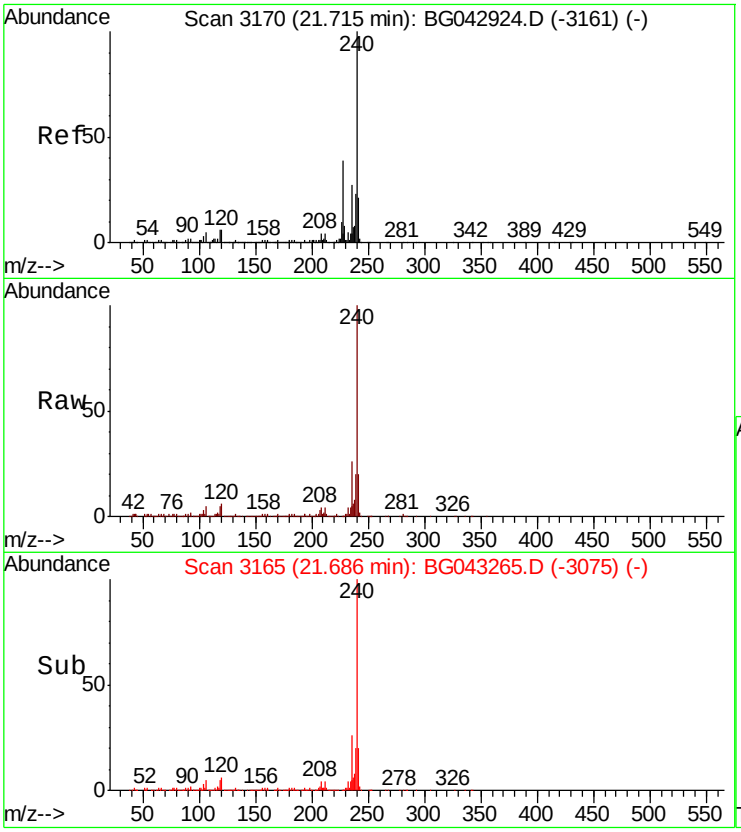


#74
Di-n-butylphthalate
Concen: 50.737 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Tgt Ion:149 Resp: 920376

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	6.3	5.0	7.6



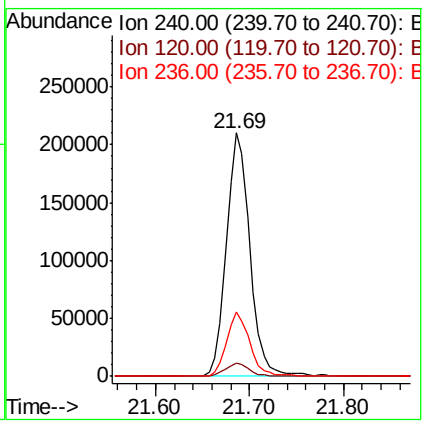


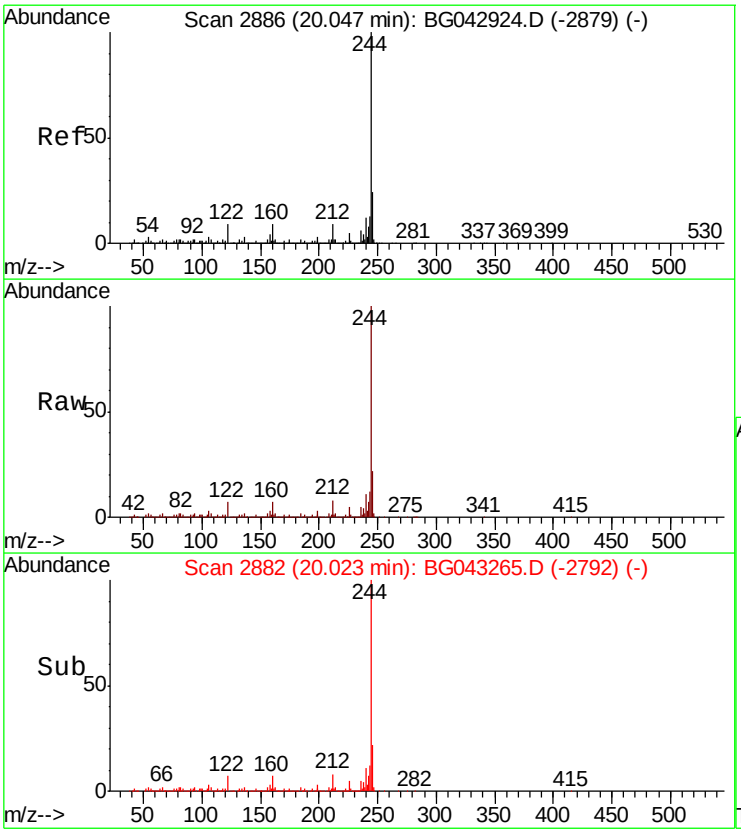
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
HHT-WATER

Tgt Ion:240 Resp: 364206

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.8	7.2
236	26.3	21.4	32.0

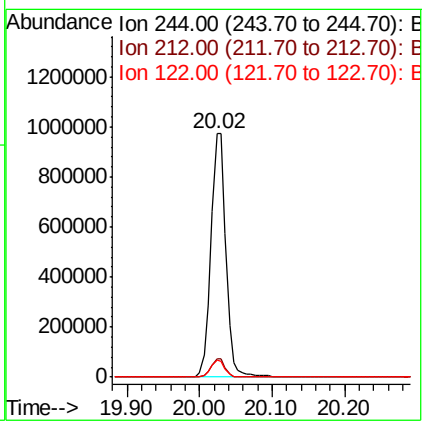


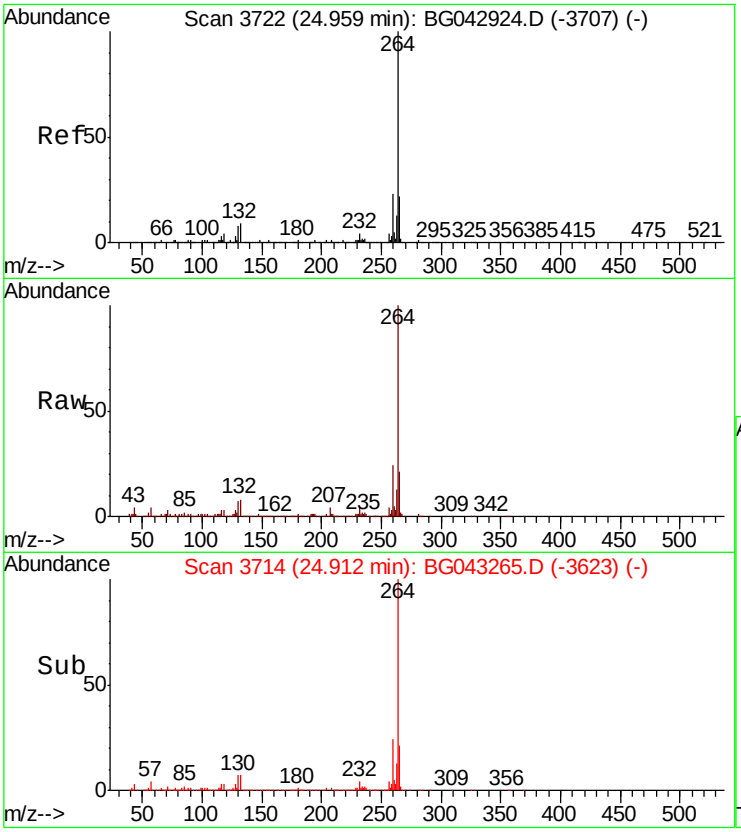


#79
Terphenyl-d14
Concen: 81.882 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Tgt Ion:244 Resp: 1399505

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.4	11.0
122	7.1	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. 0.00 min
Lab File: BG043265.D
Acq: 17 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
HHT-WATER

Tgt Ion:264 Resp: 426756

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.0	17.7	26.5