Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041870.D
Acq On : 1 Aug 2019 19:25
Operator : HP/JU
Sample : K4048-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C1-GW

Quant Time: Aug 02 03:35:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	78114	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	289711	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	203786	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	484158	20.00	ng	0.00
76) Chrysene-d12	21.73	240	619990	20.00	ng	0.00
87) Perylene-d12	25.00	264	726121	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	294761	73.42	ng	0.00
7) Phenol-d6	7.19	99	271735	50.20	ng	0.00
23) Nitrobenzene-d5	9.20	82	447867	106.38	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	396255	171.19	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1163727	100.72	ng	0.00
79) Terphenyl-d14	20.07	244	2237018	82.56	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.22	94	20534	3.647	ng	95
50) Dimethylphthalate	14.15	163	106917	7.682	ng	99
52) Acenaphthene	14.76	154	39185	3.611	ng	96
58) Fluorene	15.74	166	60507	4.543	ng	99

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

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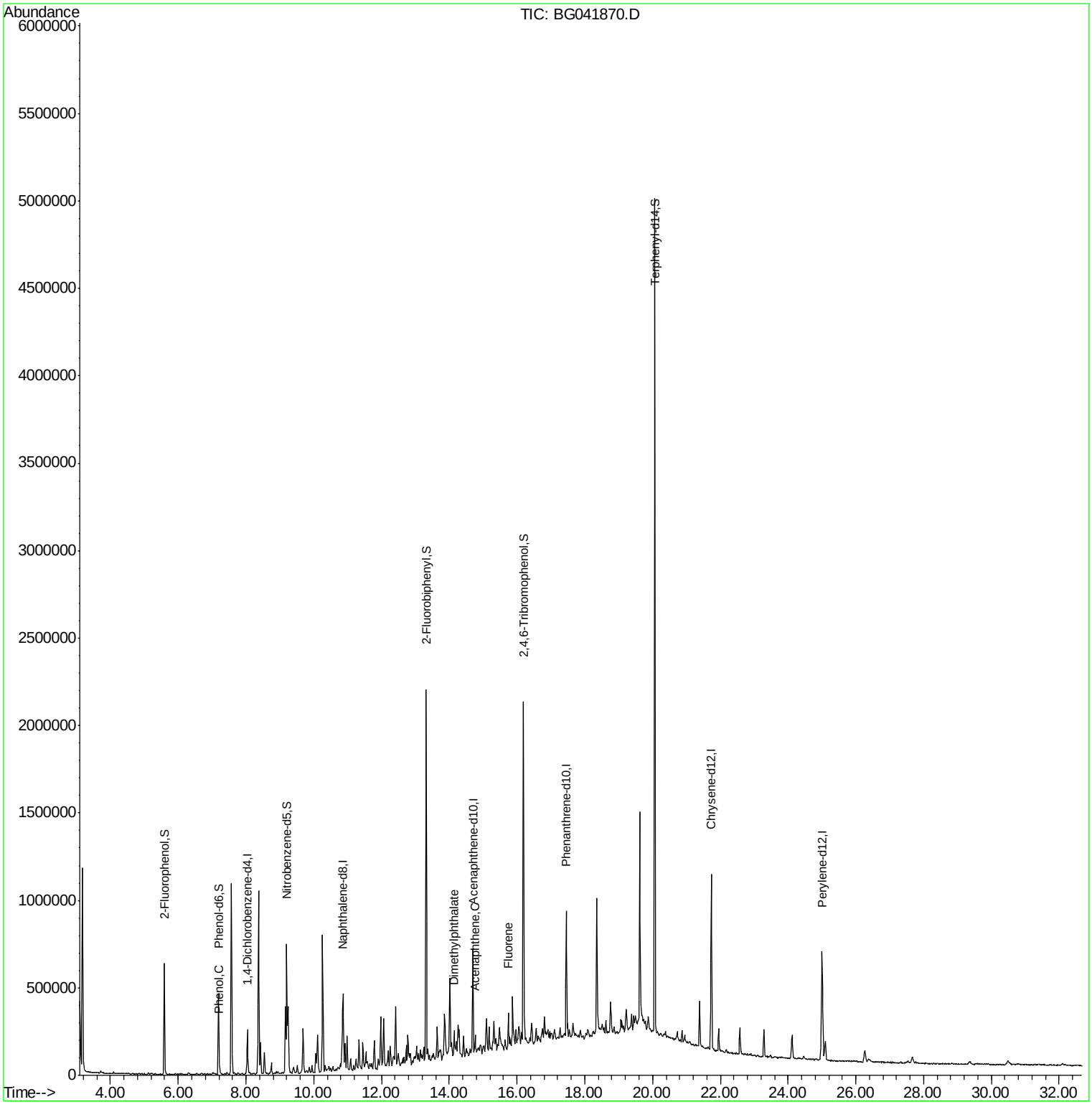
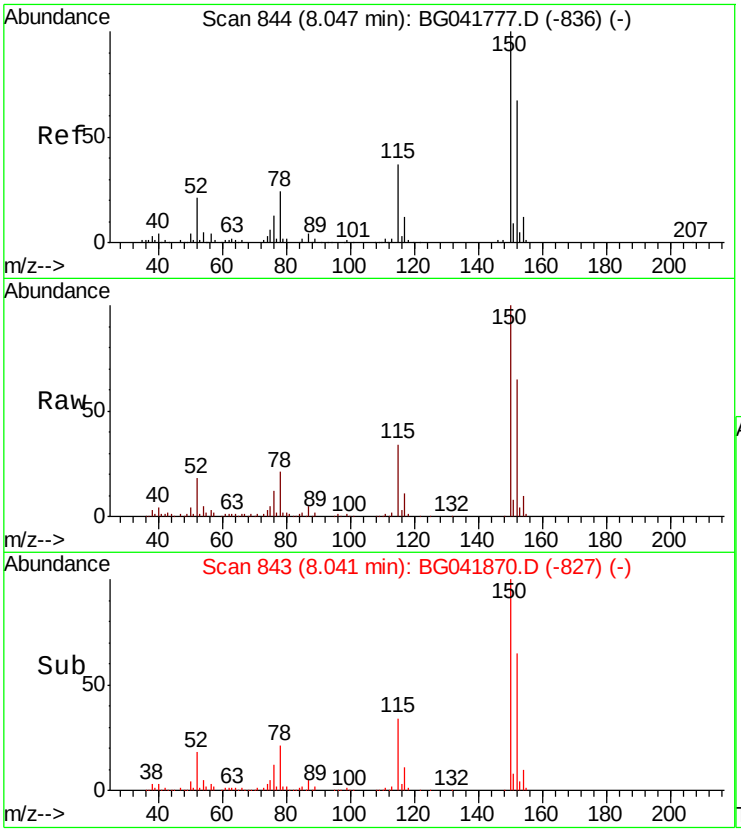


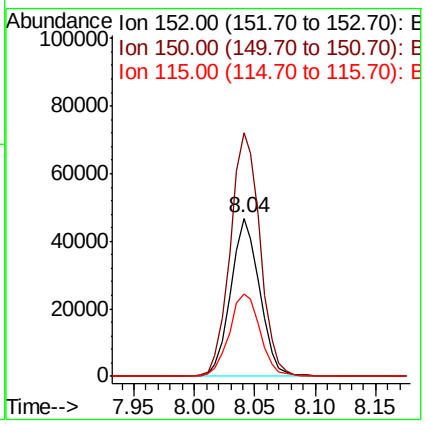


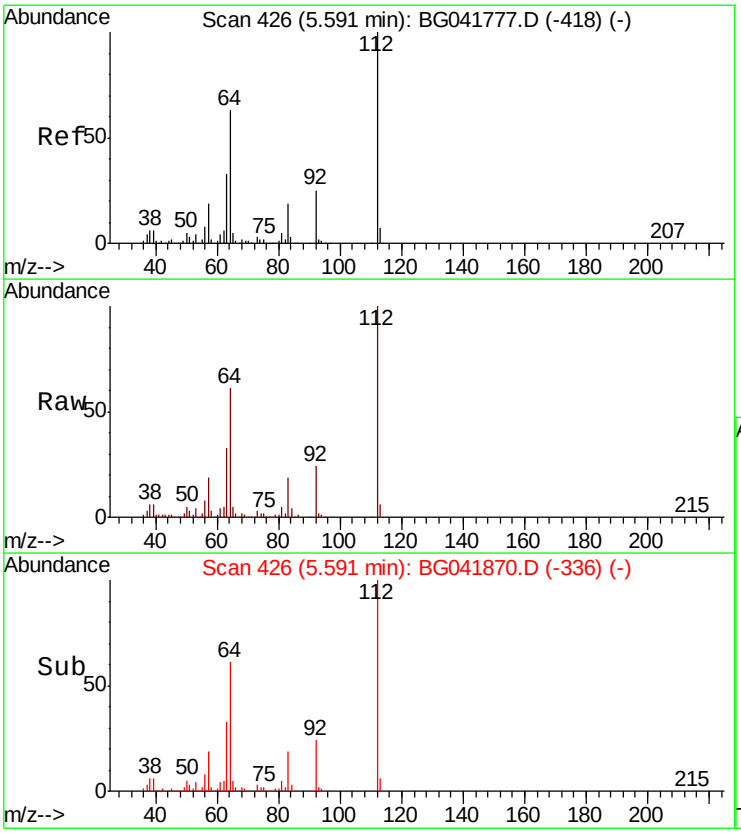
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

Tgt Ion:152 Resp: 78114

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.9	190.3
115	52.2	45.0	67.6

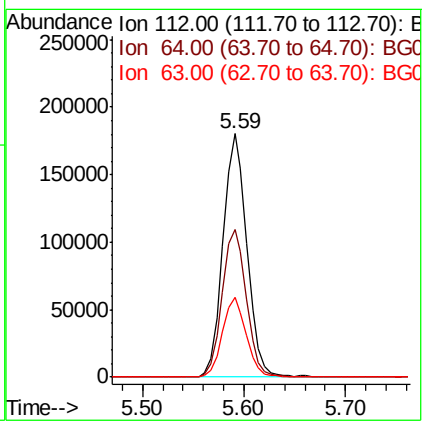


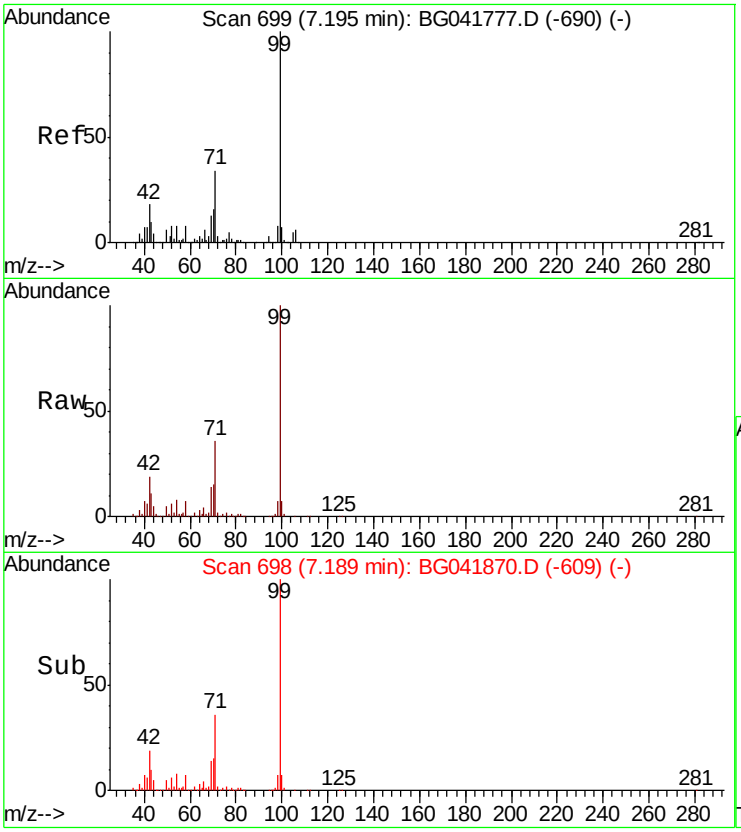


#5
2-Fluorophenol
Concen: 73.417 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion:112 Resp: 294761

Ion	Ratio	Lower	Upper
112	100		
64	60.6	55.4	83.2
63	32.5	29.1	43.7



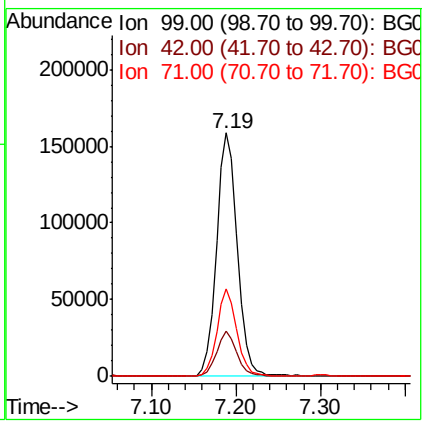


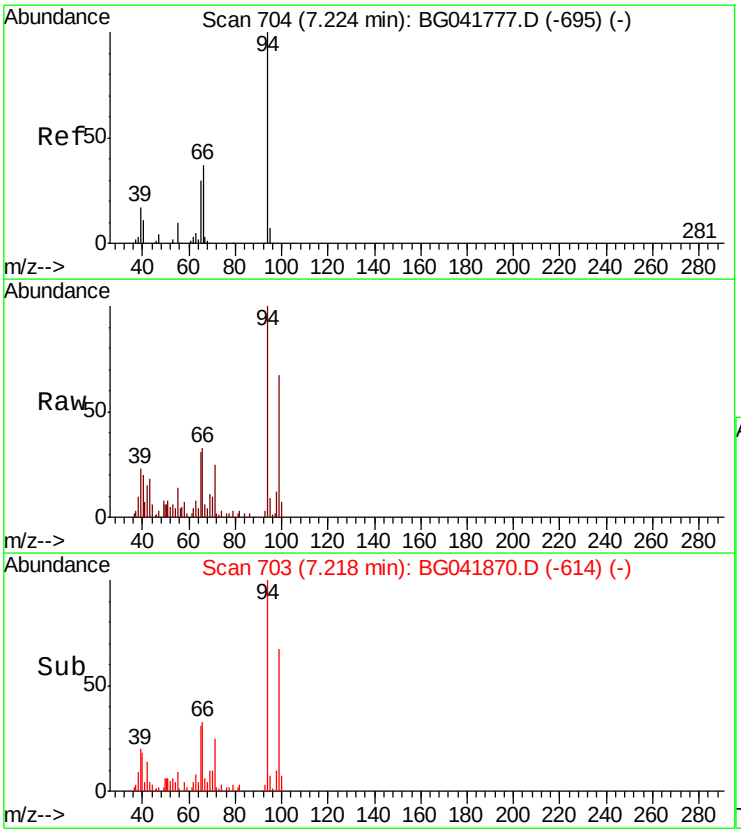
#7
Phenol-d6
Concen: 50.203 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

Tgt Ion: 99 Resp: 271735

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.6	26.4
71	35.7	27.8	41.6

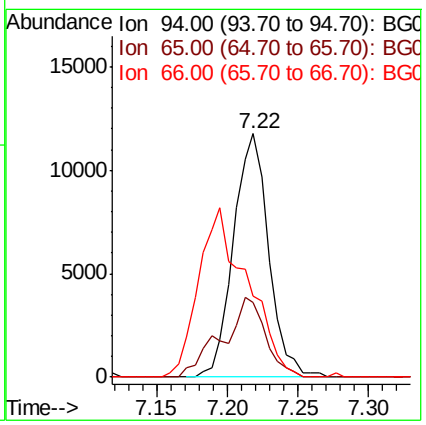


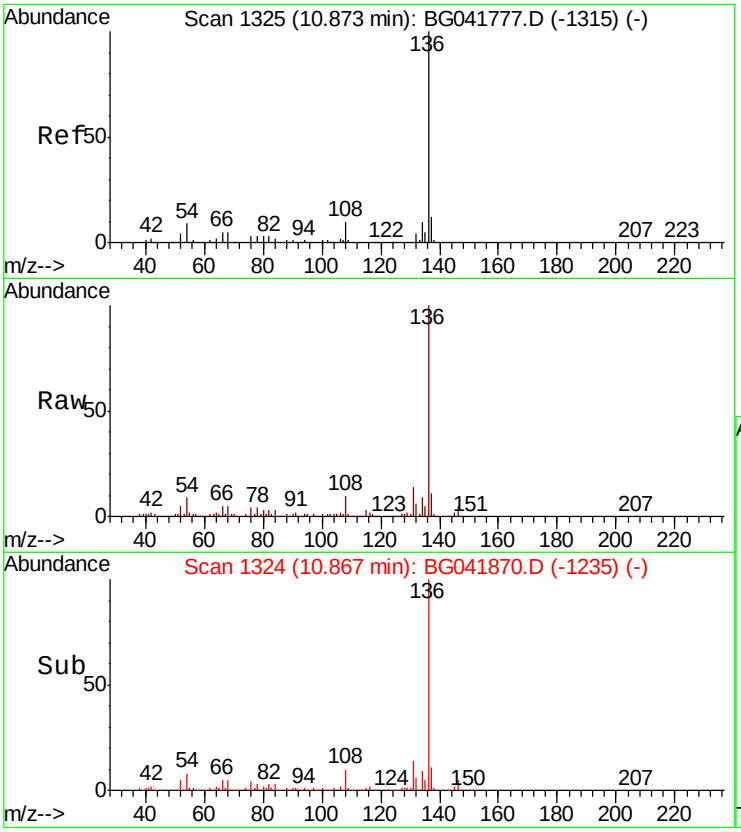


#10
Phenol
Concen: 3.647 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion: 94 Resp: 20534

Ion	Ratio	Lower	Upper
94	100		
65	30.9	10.6	50.6
66	33.3	18.2	58.2



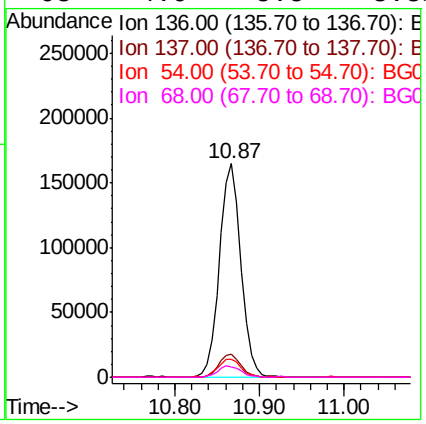


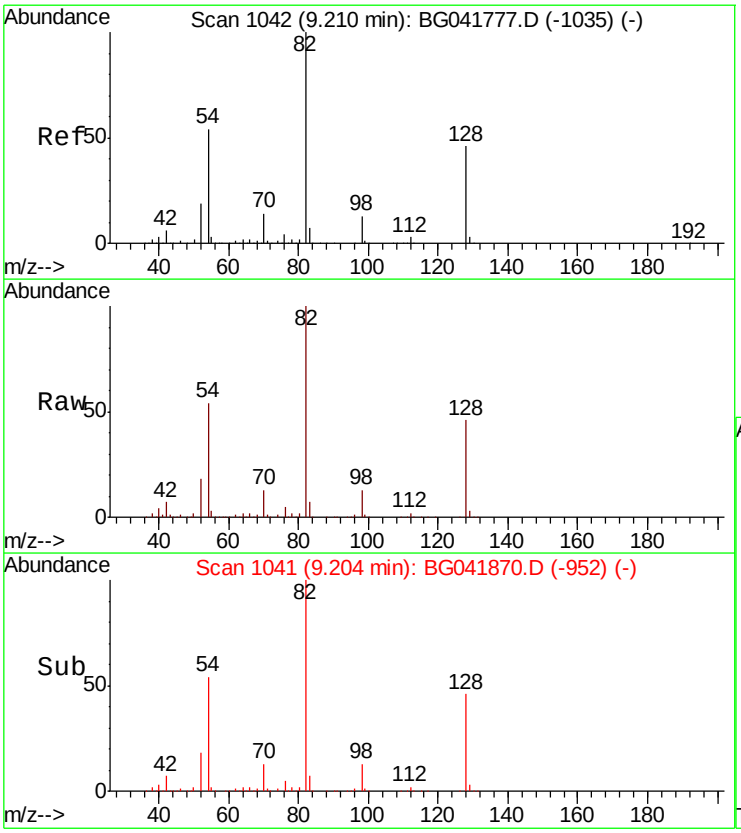
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

Tgt Ion:136 Resp: 289711

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.5	8.7	13.1#
68	4.9	5.5	8.3#

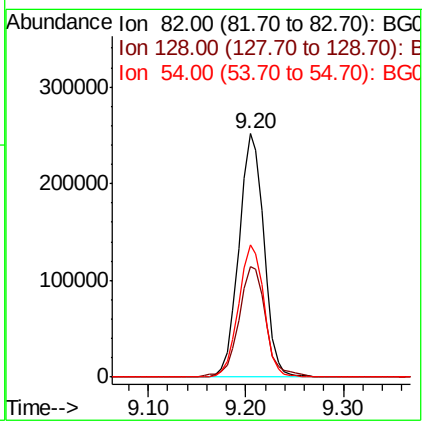


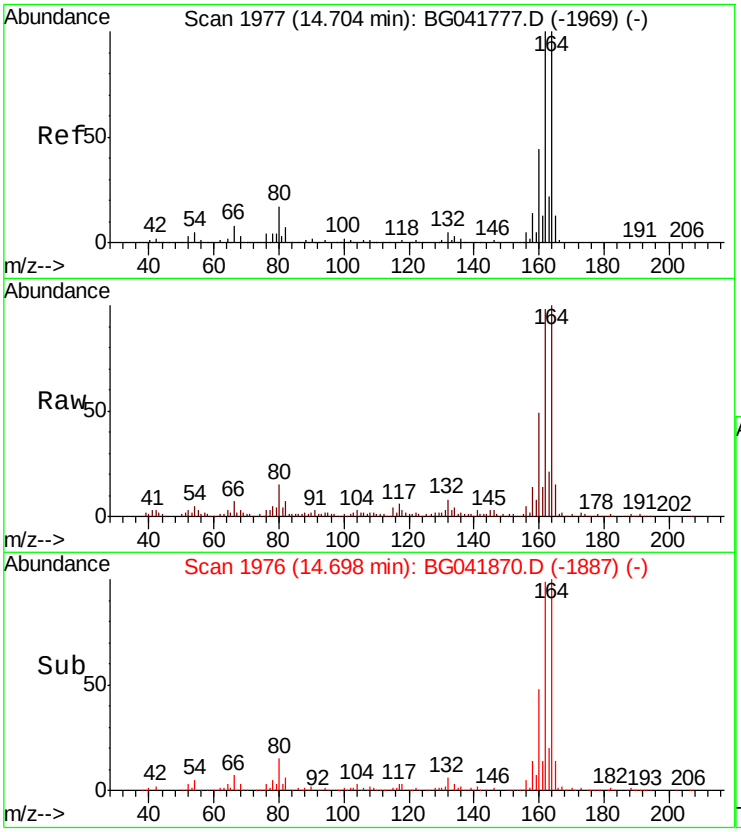


#23
Nitrobenzene-d5
Concen: 106.384 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion: 82 Resp: 447867

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	54.5	48.7	73.1



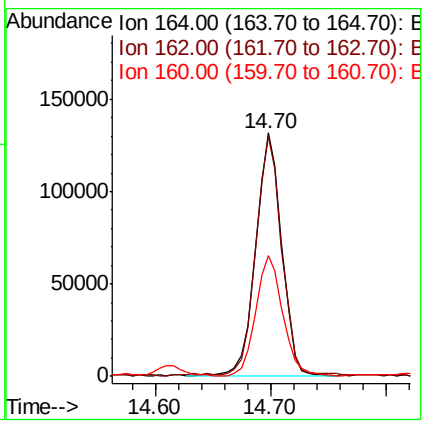


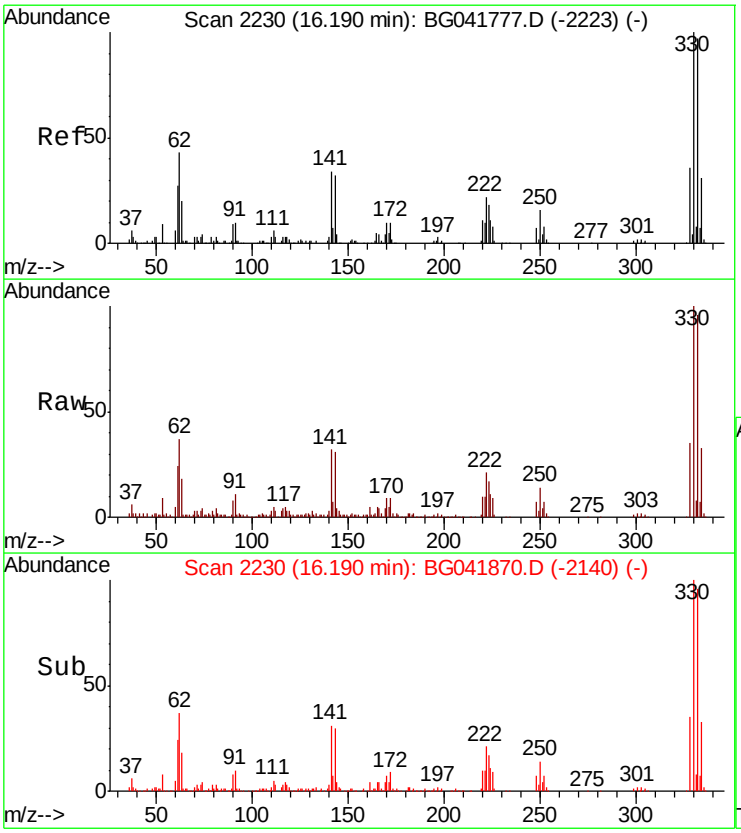
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

Tgt Ion:164 Resp: 203786

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.6	119.4
160	49.4	35.4	53.0

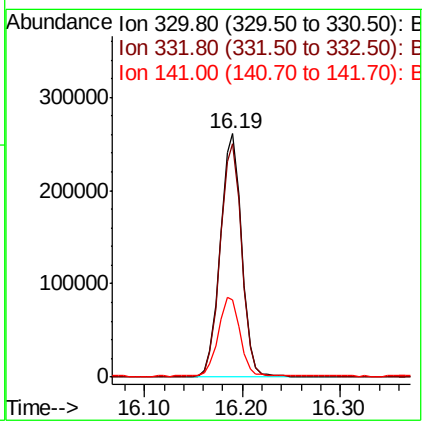


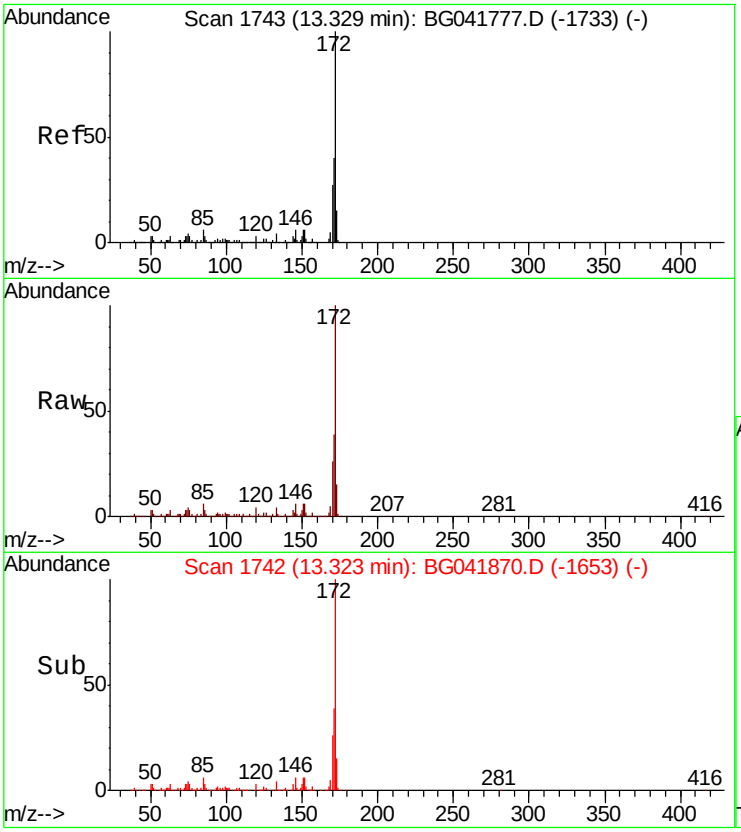


#42
2,4,6-Tribromophenol
Concen: 171.188 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion:330 Resp: 396255

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	32.9	31.9	47.9



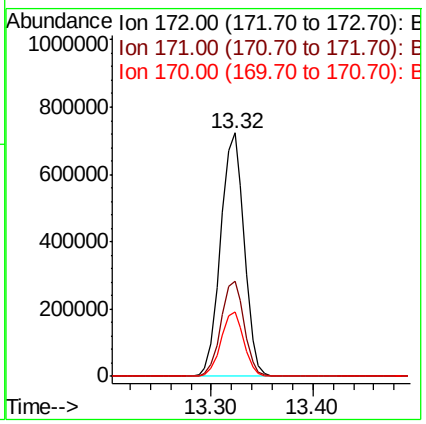


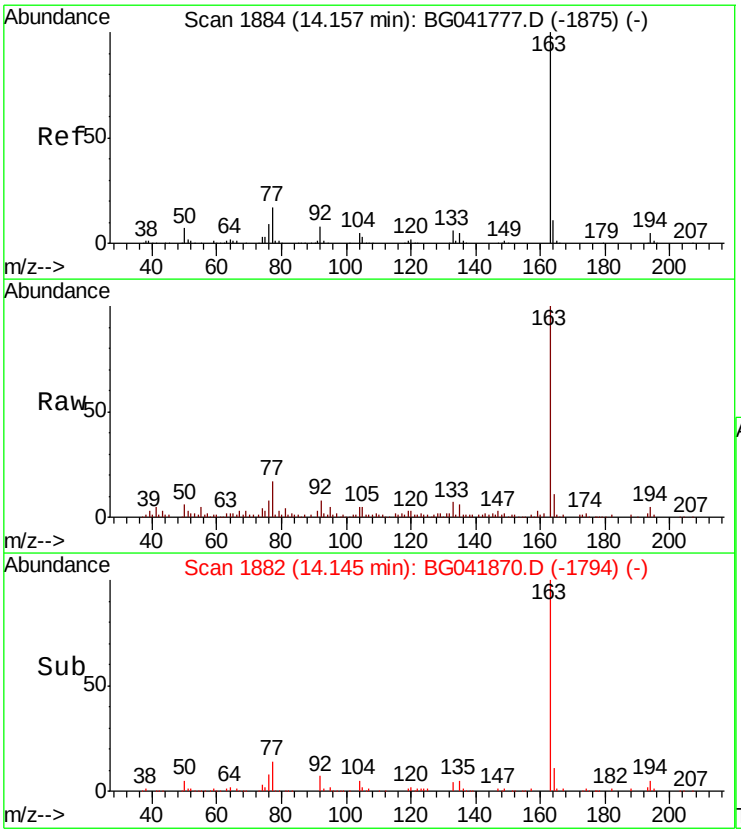
#45
2-Fluorobiphenyl
Concen: 100.718 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

Tgt Ion:172 Resp: 1163727

Ion	Ratio	Lower	Upper
172	100		
171	39.0	35.0	52.4
170	26.3	23.5	35.3

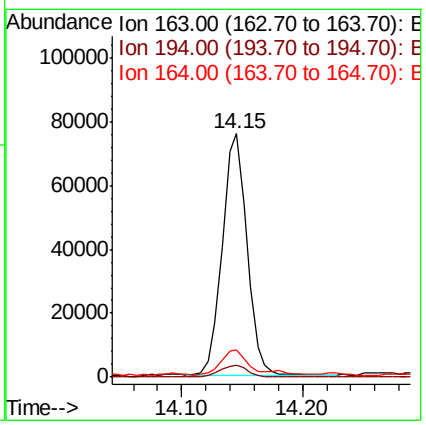


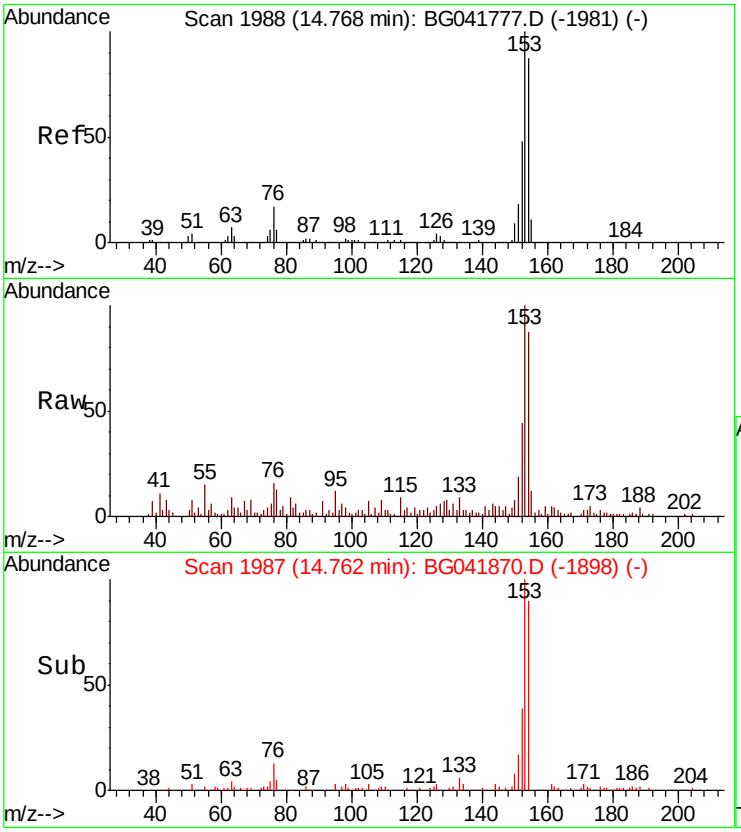


#50
Dimethylphthalate
Concen: 7.682 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion:163 Resp: 106917

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	11.3	9.4	14.2



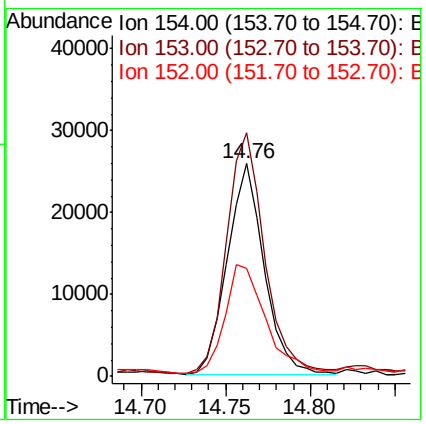


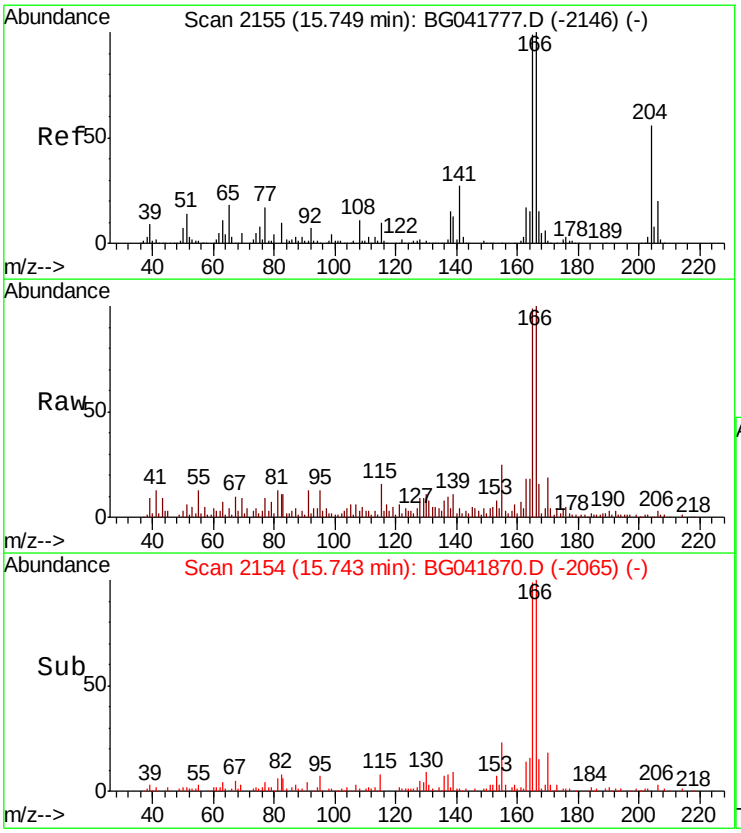
#52
Acenaphthene
Concen: 3.611 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

Tgt Ion:154 Resp: 39185

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.8	134.6
152	50.8	44.9	67.3

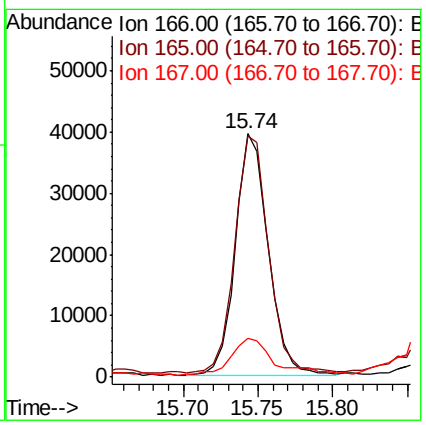


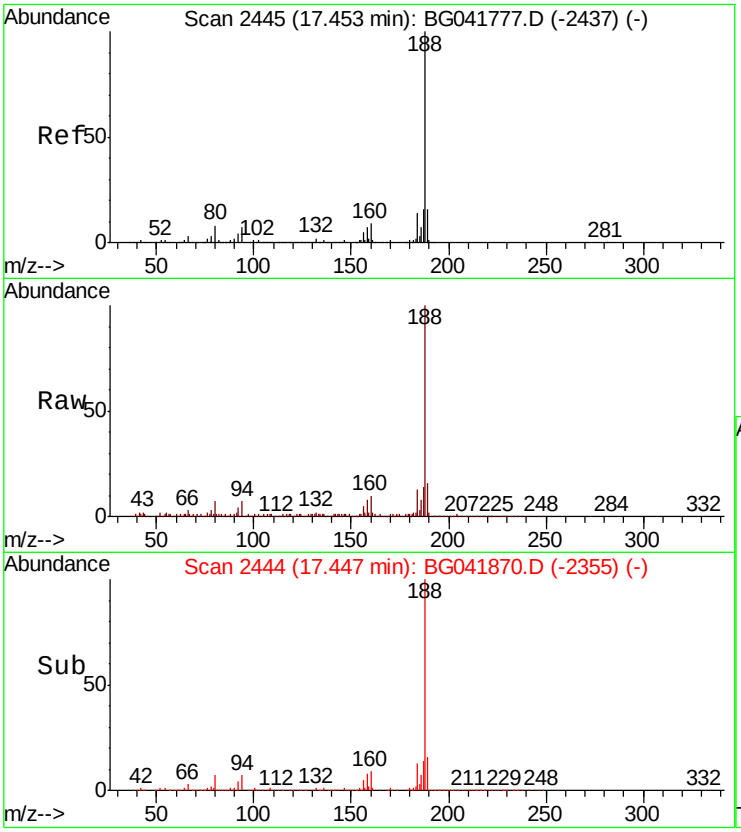


#58
Fluorene
Concen: 4.543 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion:166 Resp: 60507

Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.5	120.7
167	16.0	12.4	18.6



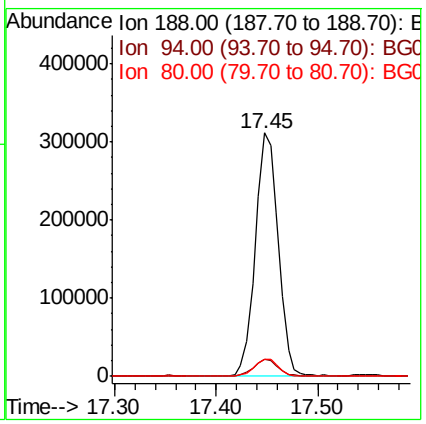


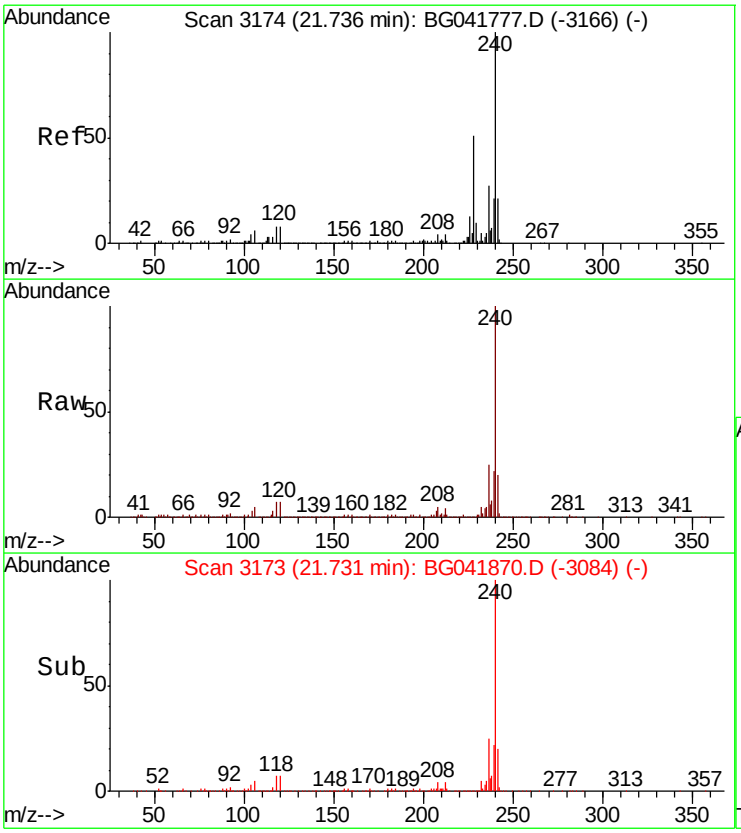
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

Tgt Ion:188 Resp: 484158

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.0	8.0	12.0#

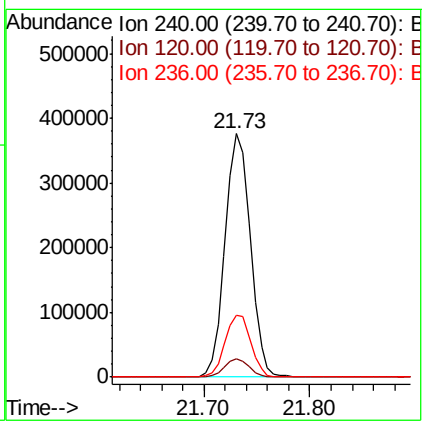


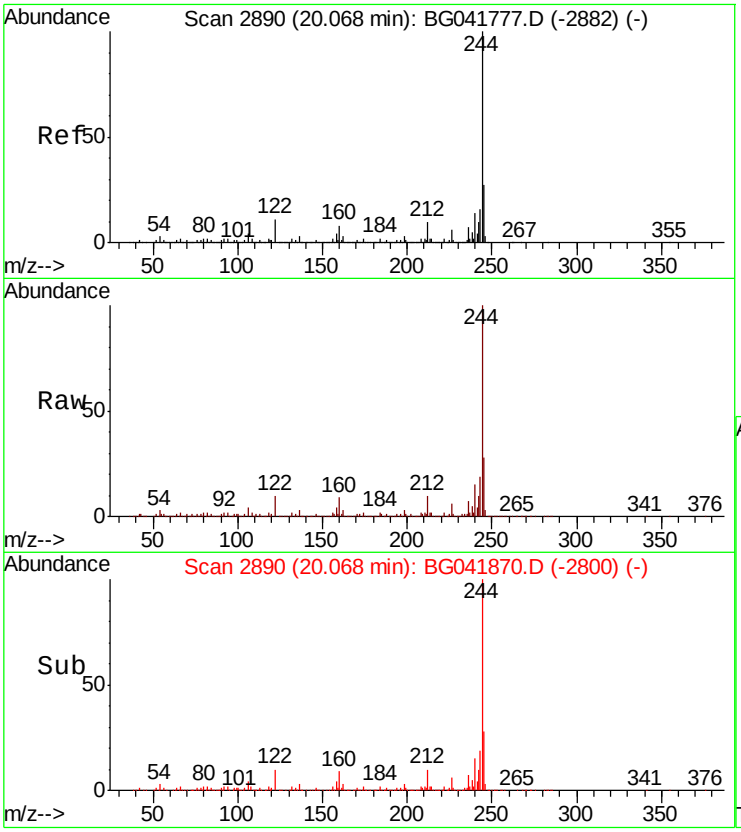


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion:240 Resp: 619990

Ion	Ratio	Lower	Upper
240	100		
120	7.4	8.0	12.0#
236	25.4	22.6	33.8



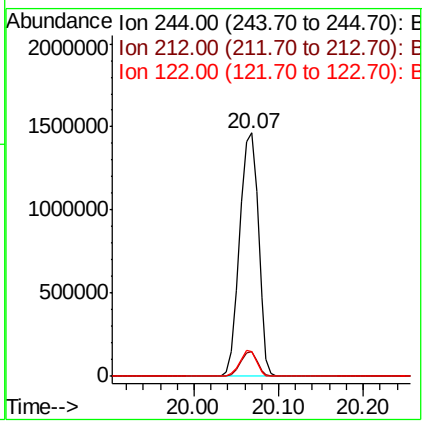


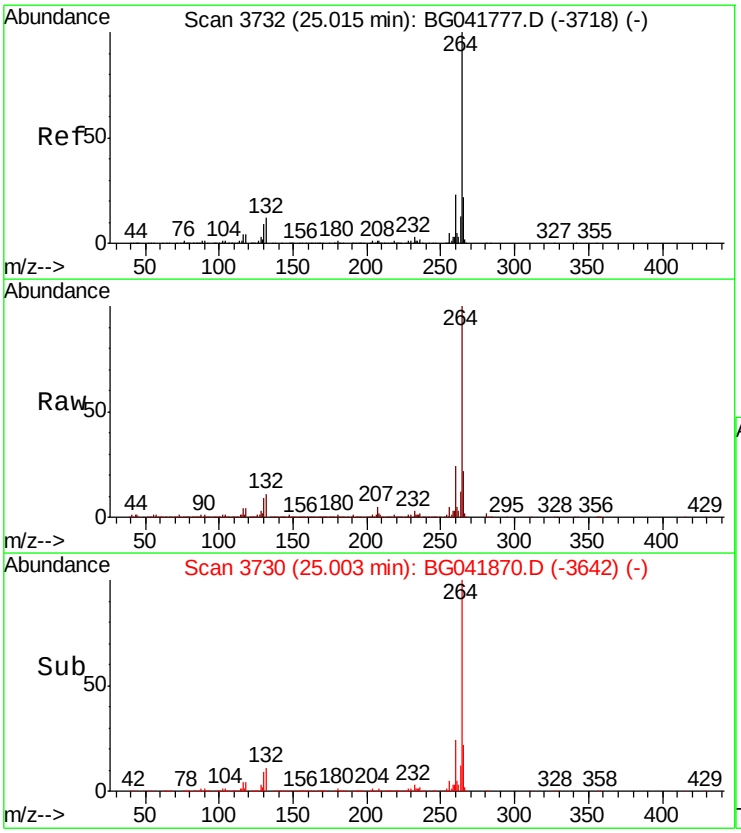
#79
Terphenyl-d14
Concen: 82.564 ng
RT: 20.07 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

Tgt Ion:244 Resp: 2237018

Ion	Ratio	Lower	Upper
244	100		
212	10.2	9.7	14.5
122	10.2	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion:264 Resp: 726121

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.2	18.0	27.0