Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037199.D
Acq On : 5 Oct 2018 21:39
Operator : JU/SJ
Sample : J5195-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-100418

Quant Time: Oct 06 05:02:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39973	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	165586	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	113198	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	297036	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	297221	20.00	ng	-0.02
86) Perylene-d12	24.86	264	296534	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	260330	124.90	ng	-0.02
7) Phenol-d6	7.19	99	324203	100.53	ng	-0.02
23) Nitrobenzene-d5	9.19	82	280326	90.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	174161	128.59	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	586616	77.18	ng	-0.02
78) Terphenyl-d14	20.01	244	1092801	96.68	ng	-0.02
Target Compounds						Qvalue

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

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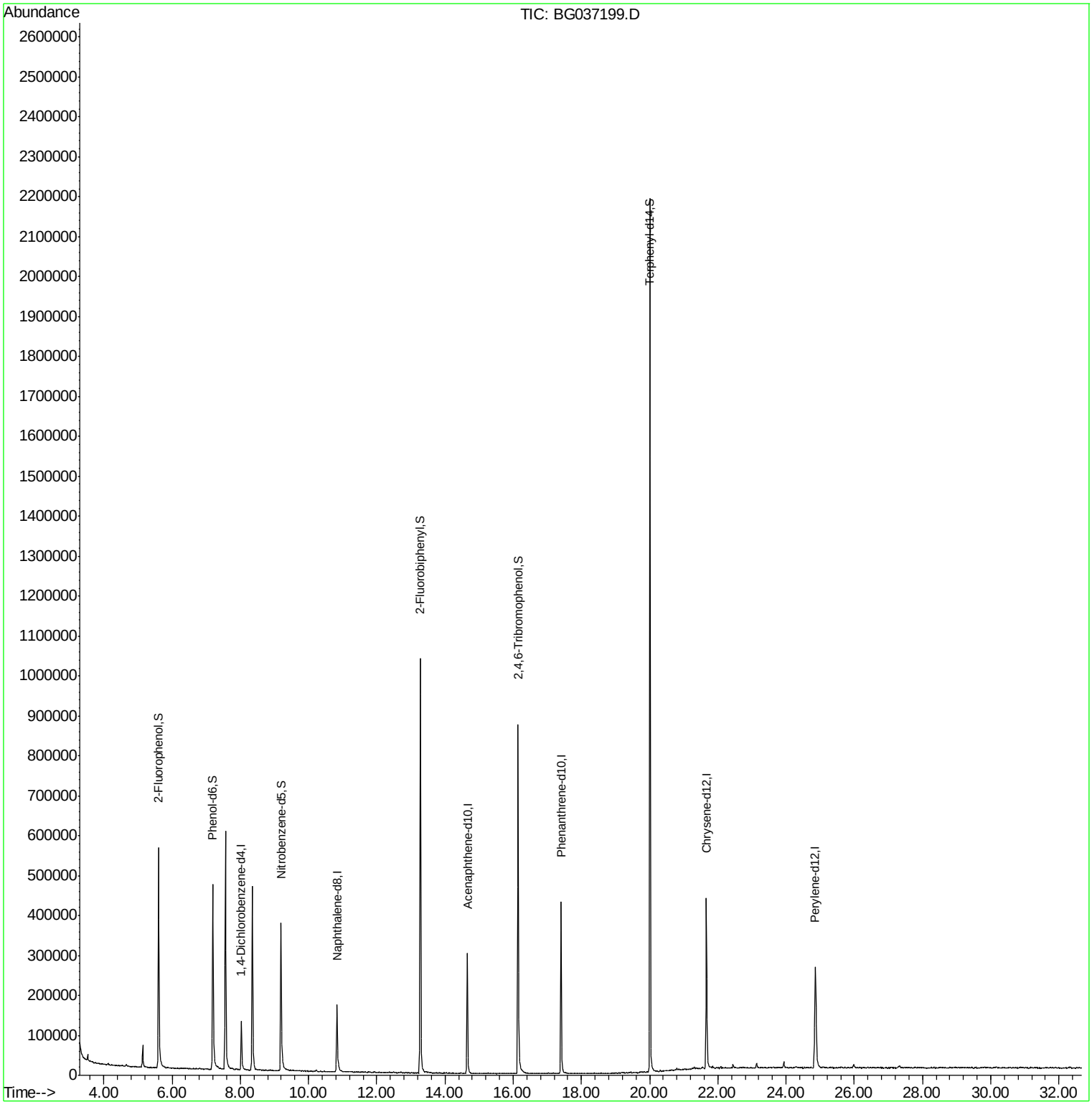
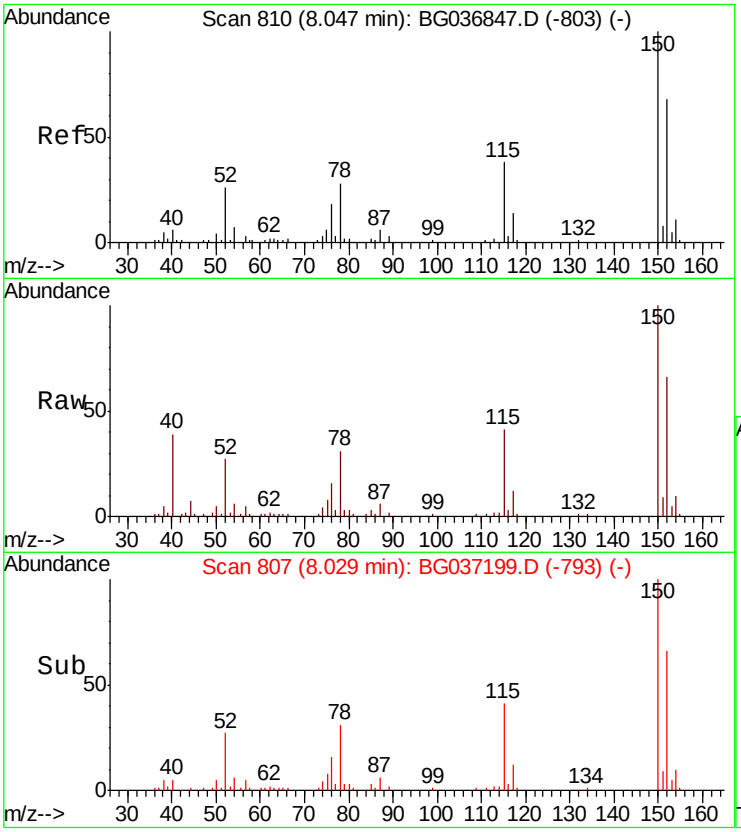


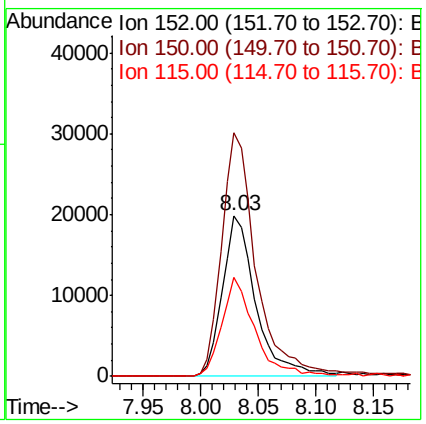


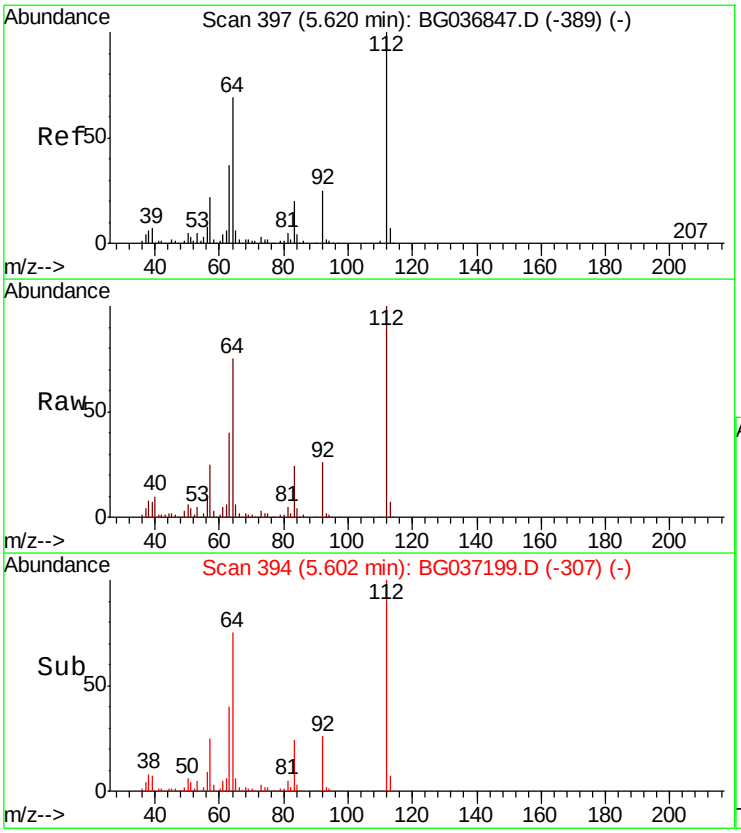
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100418

Tgt Ion:152 Resp: 39973

Ion	Ratio	Lower	Upper
152	100		
150	151.2	119.5	179.3
115	61.5	44.5	66.7

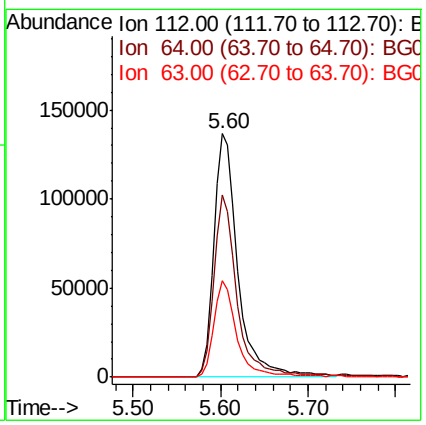


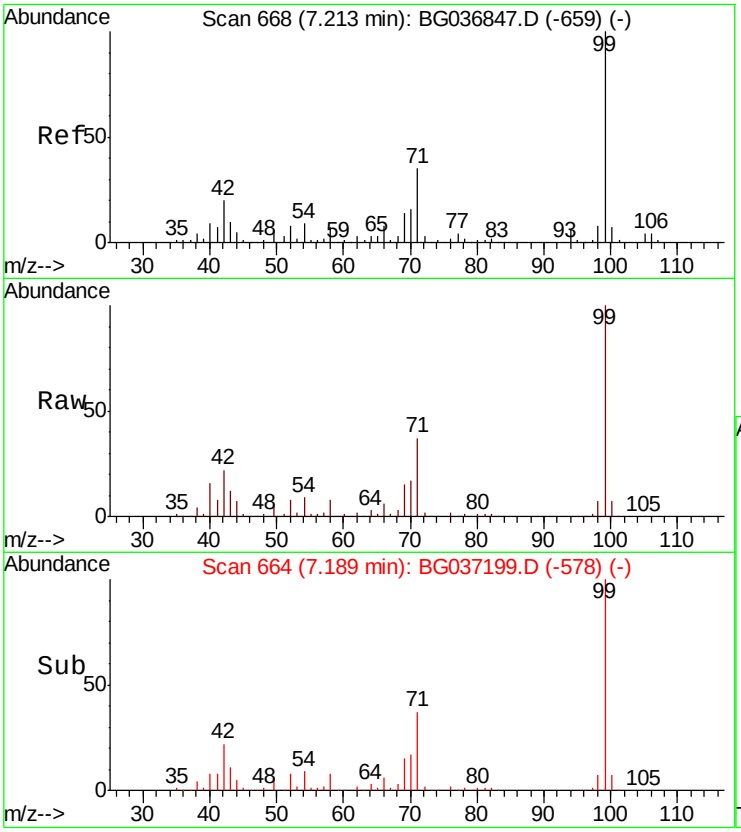


#5
2-Fluorophenol
Concen: 124.898 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Tgt Ion:112 Resp: 260330

Ion	Ratio	Lower	Upper
112	100		
64	74.7	57.2	85.8
63	39.7	30.8	46.2



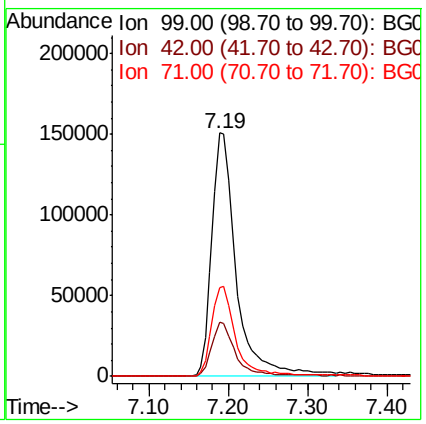


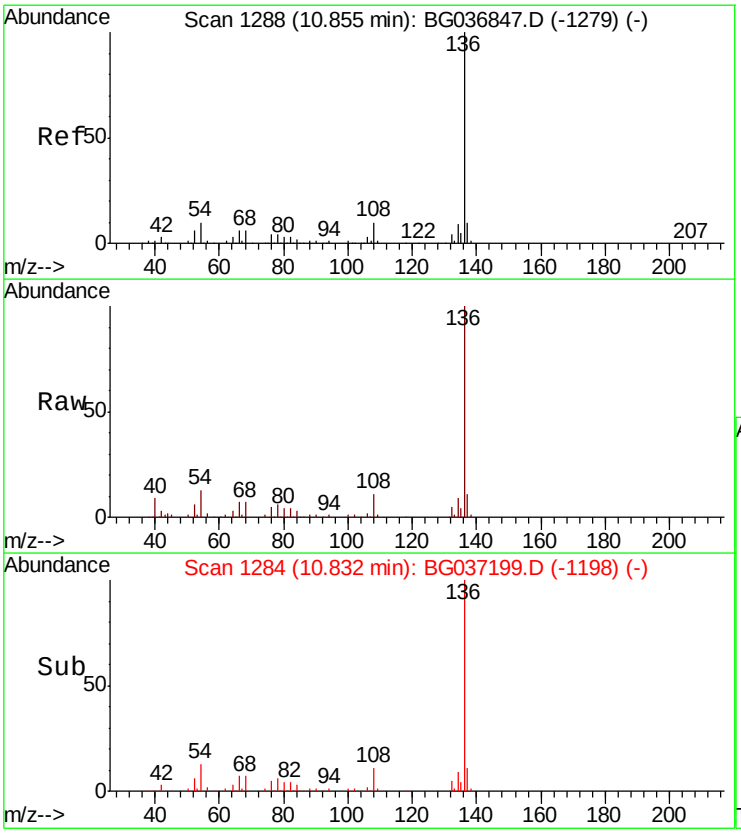
#7
Phenol-d6
Concen: 100.534 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100418

Tgt Ion: 99 Resp: 324203

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.5	24.7
71	36.5	29.4	44.2

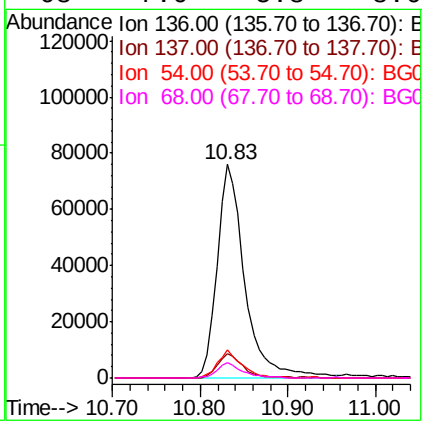


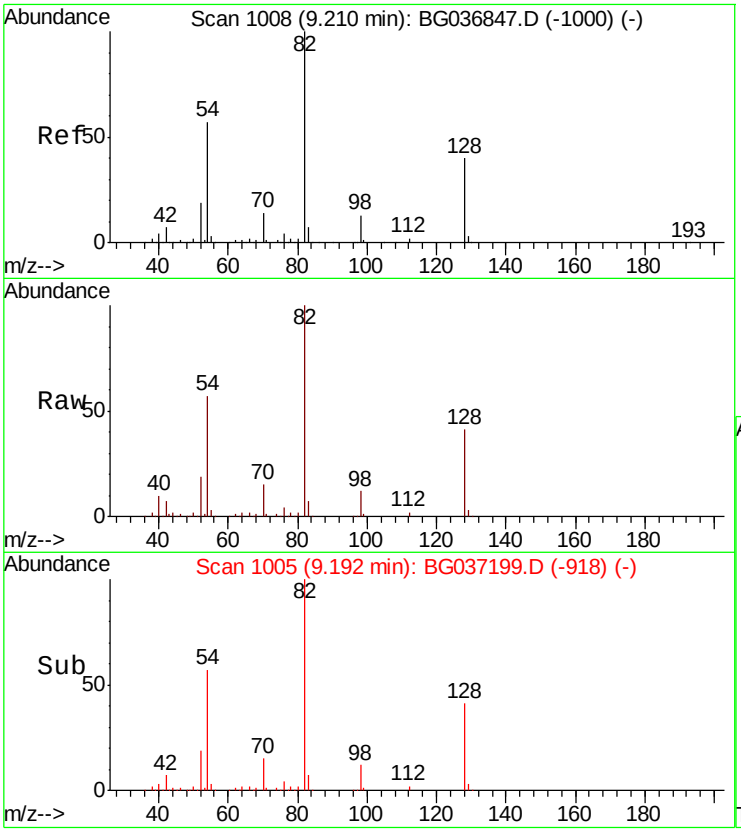


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Tgt Ion:136 Resp: 165586

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	12.9	9.2	13.8
68	7.0	5.8	8.6



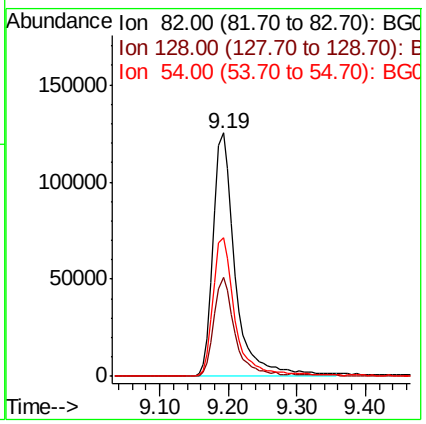


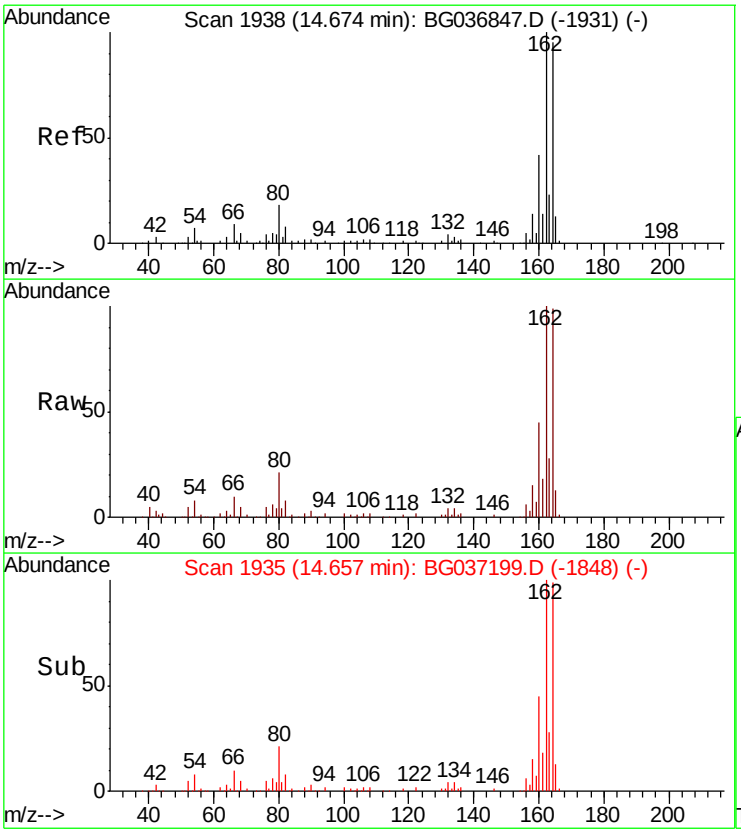
#23
Nitrobenzene-d5
Concen: 90.658 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100418

Tgt Ion: 82 Resp: 280326

Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.3	49.9
54	56.8	45.1	67.7

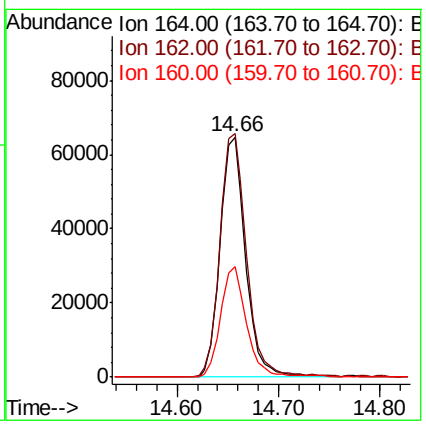


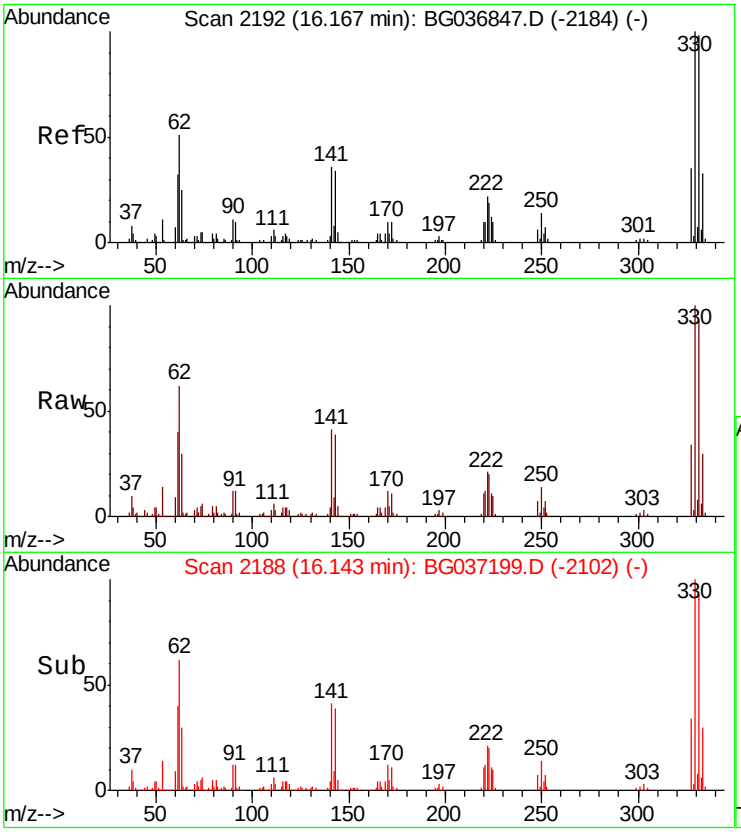


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Tgt Ion:164 Resp: 113198

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.7	121.1
160	46.0	35.3	52.9



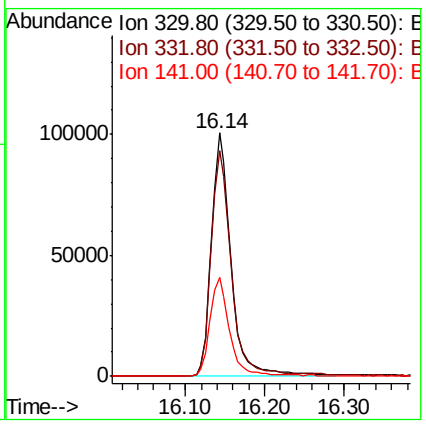


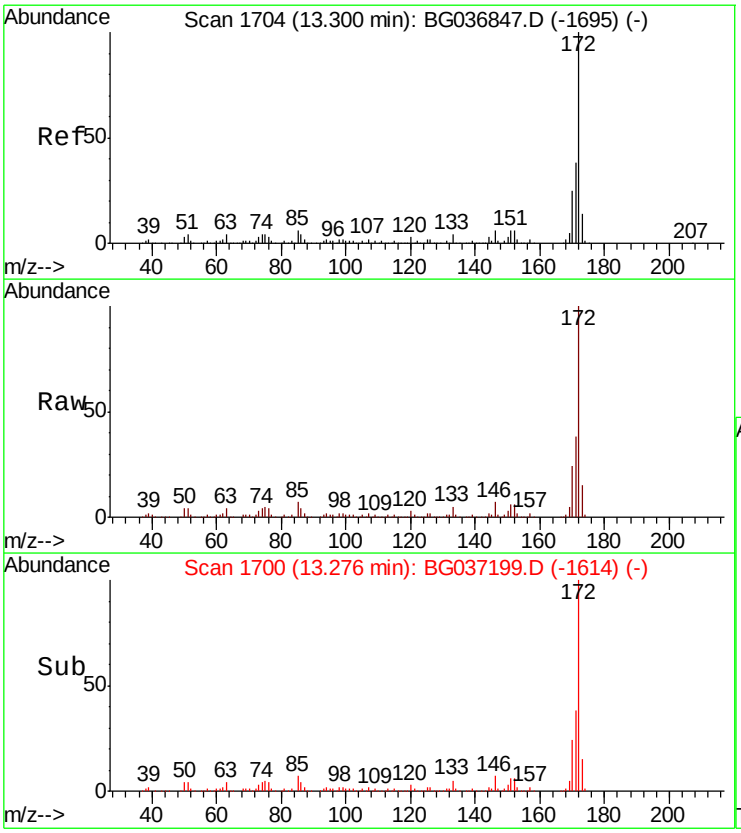
#41
2,4,6-Tribromophenol
Concen: 128.594 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100418

Tgt Ion:330 Resp: 174161

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	40.8	30.7	46.1

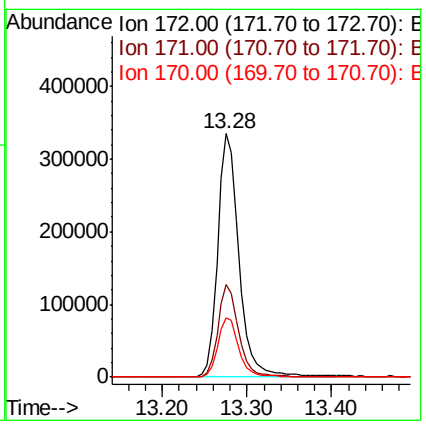


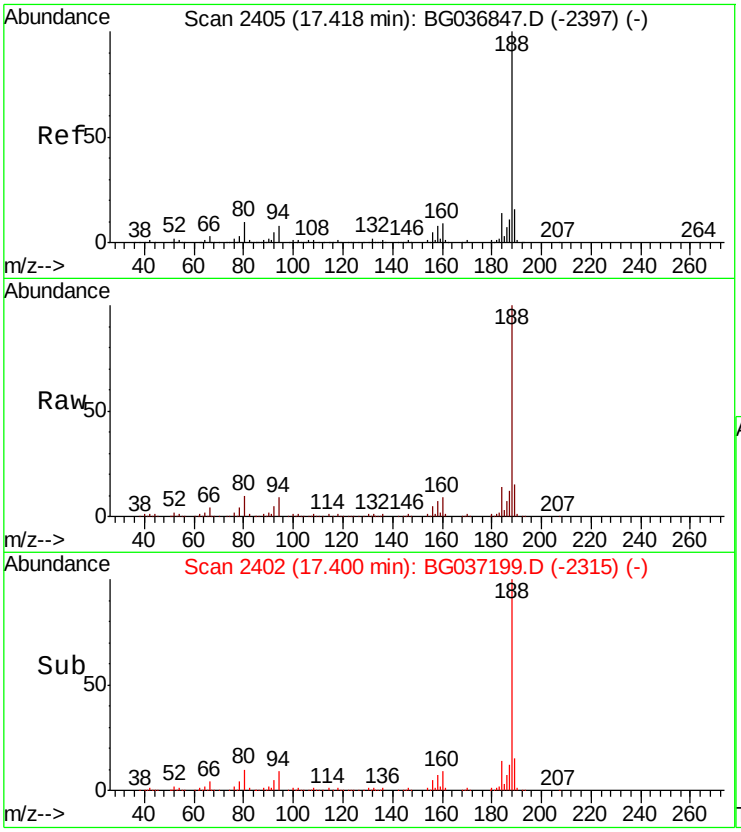


#44
2-Fluorobiphenyl
Concen: 77.183 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Tgt Ion:172 Resp: 586616

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	24.4	21.0	31.6



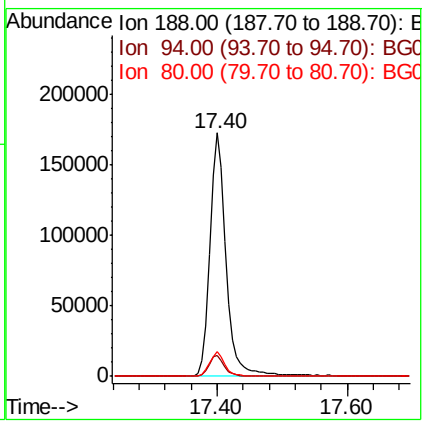


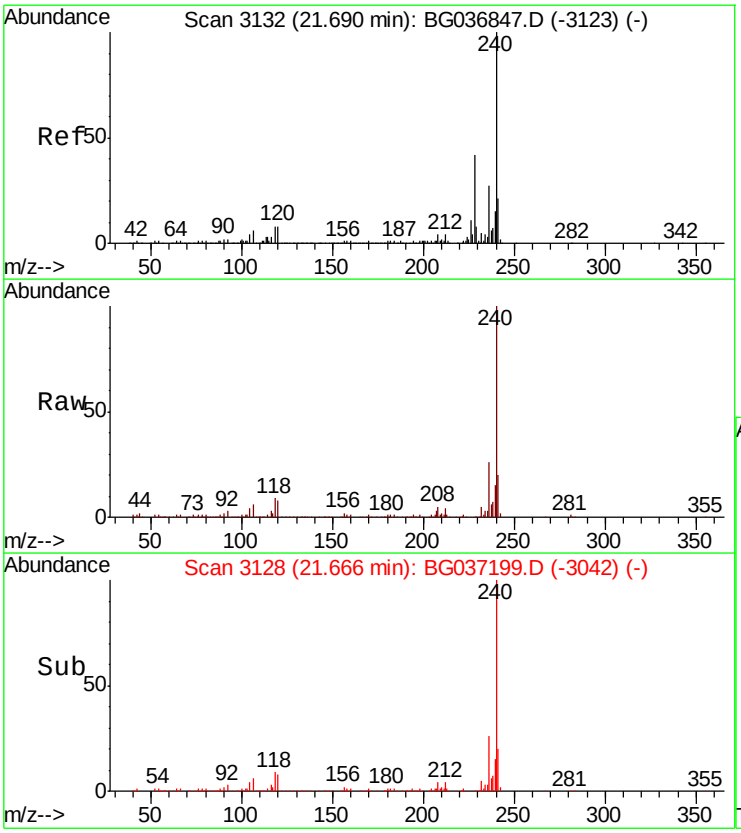
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100418

Tgt Ion:188 Resp: 297036

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	10.2	8.1	12.1

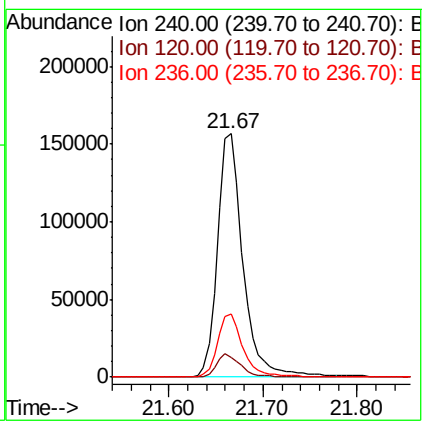


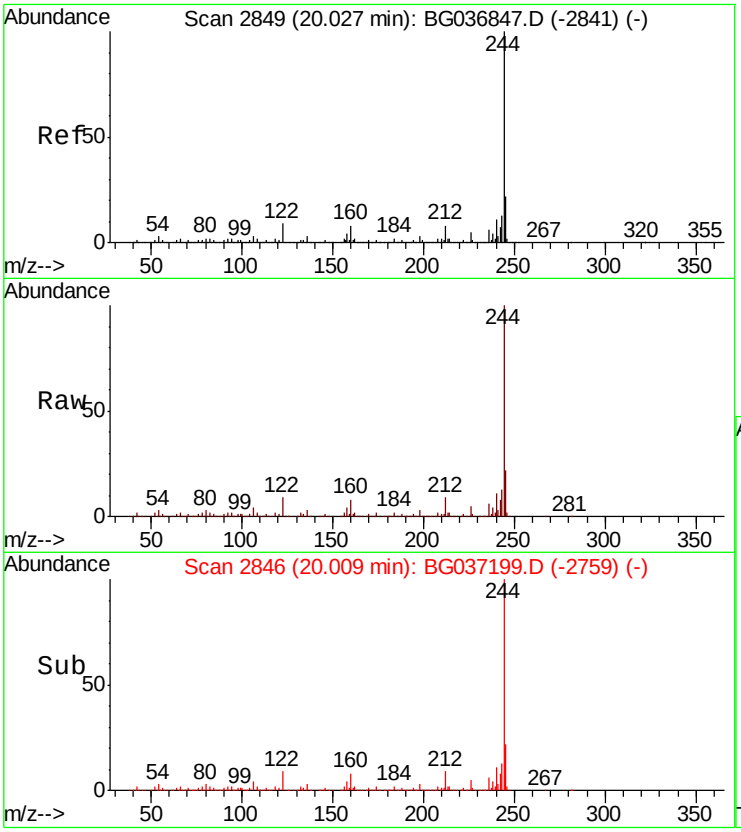


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Tgt Ion:240 Resp: 297221

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	26.1	21.2	31.8



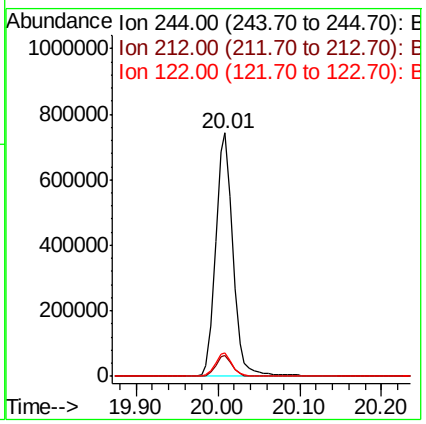


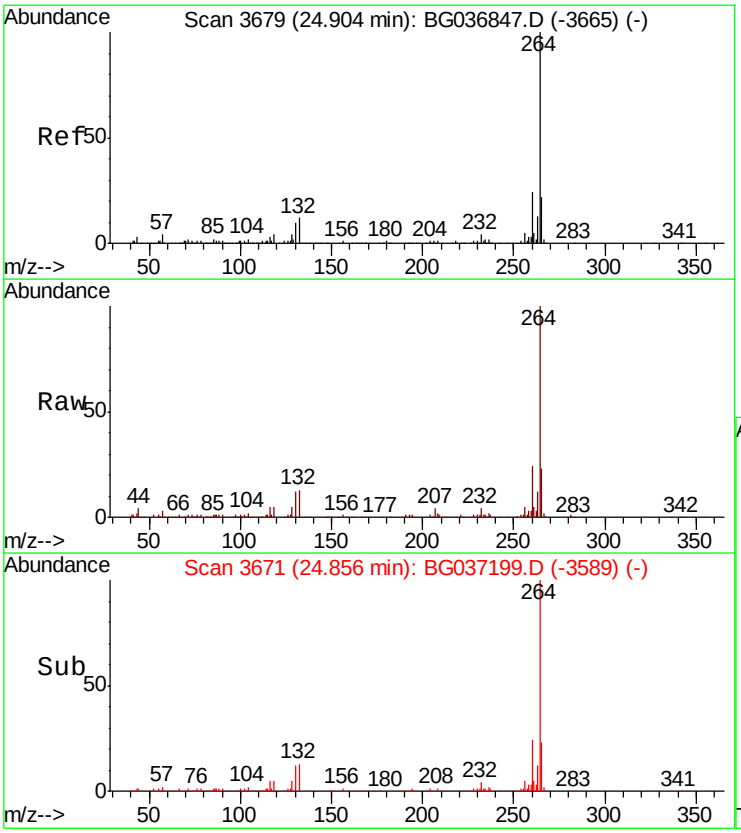
#78
Terphenyl-d14
Concen: 96.679 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100418

Tgt Ion:244 Resp: 1092801

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.4	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.05 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Tgt Ion:264 Resp: 296534

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.7	17.4	26.0