Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
Data File : BG037159.D
Acq On : 4 Oct 2018 17:31
Operator : JU/SJ
Sample : J5194-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-100218-B

Quant Time: Oct 05 01:46:35 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	38189	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	154889	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	103349	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	291487	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	313198	20.00	ng	-0.02
86) Perylene-d12	24.87	264	312454	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	246153	123.61	ng	-0.02
7) Phenol-d6	7.19	99	304105	98.71	ng	-0.02
23) Nitrobenzene-d5	9.20	82	254489	87.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	169488	137.07	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	512651	73.88	ng	-0.02
78) Terphenyl-d14	20.01	244	1096438	92.05	ng	-0.02
Target Compounds						Qvalue

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

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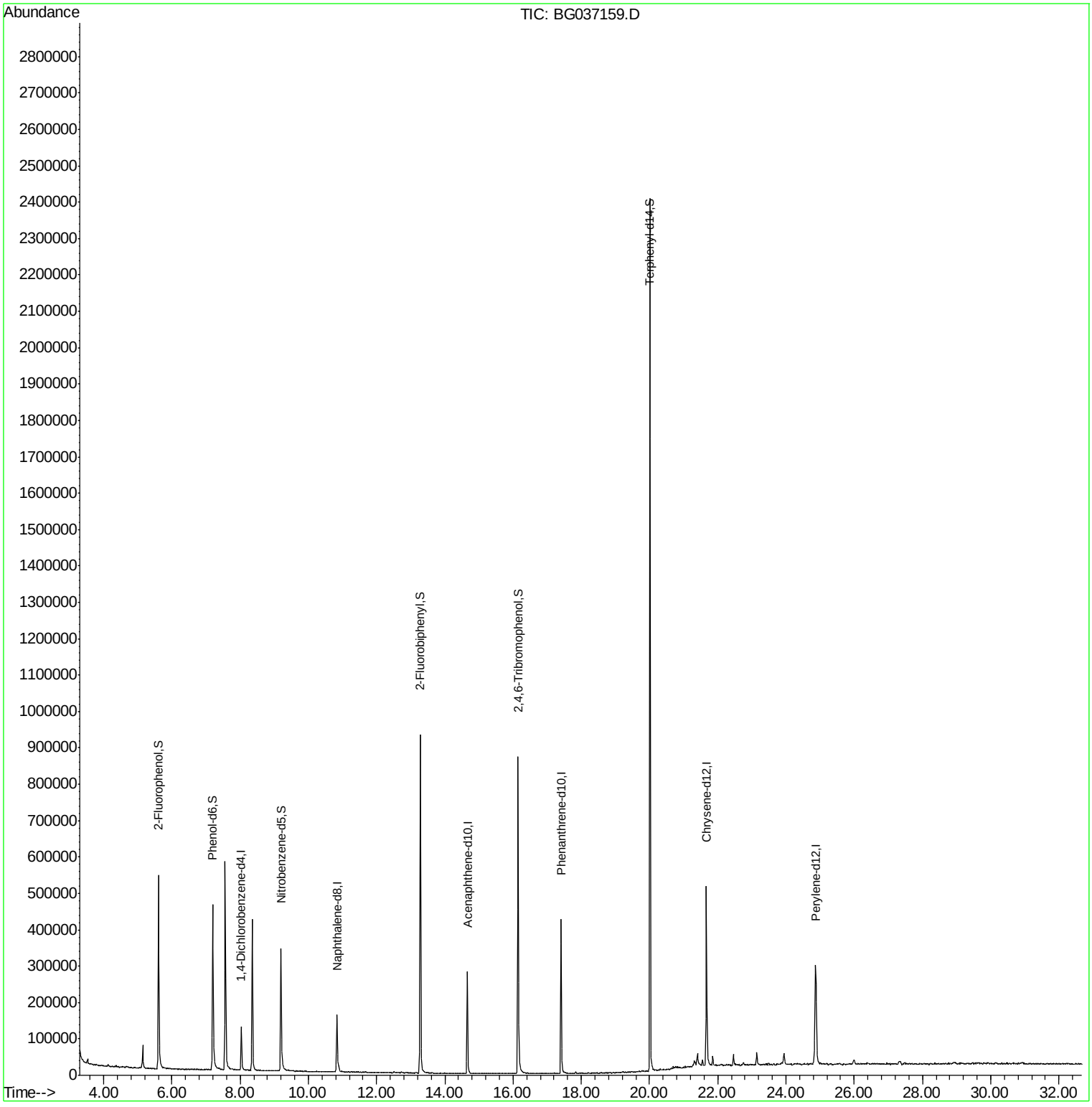
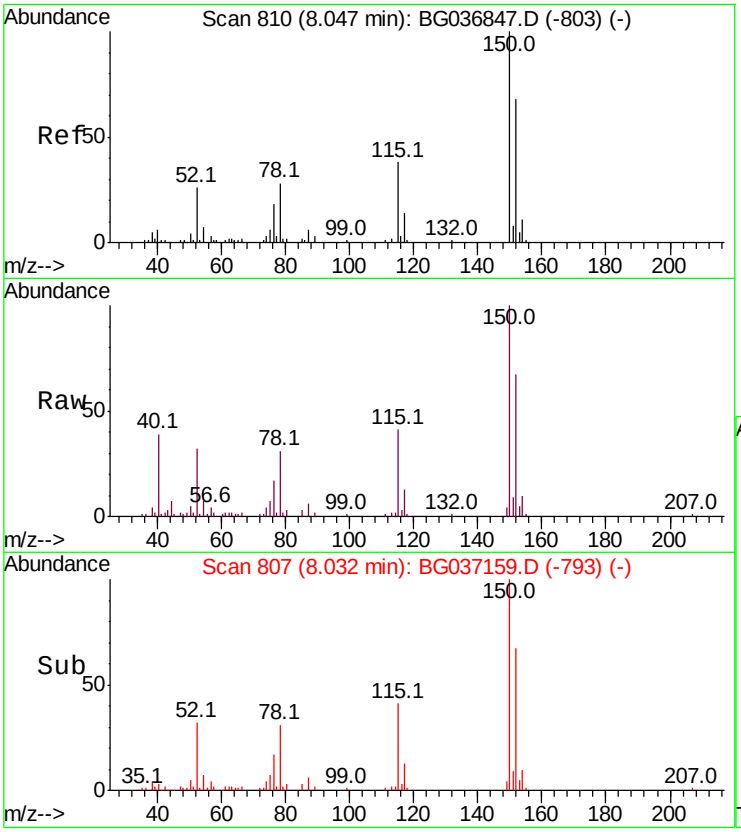


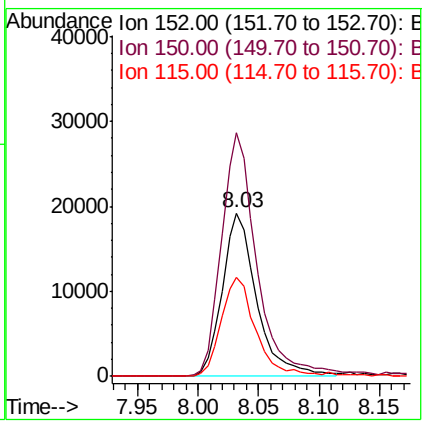


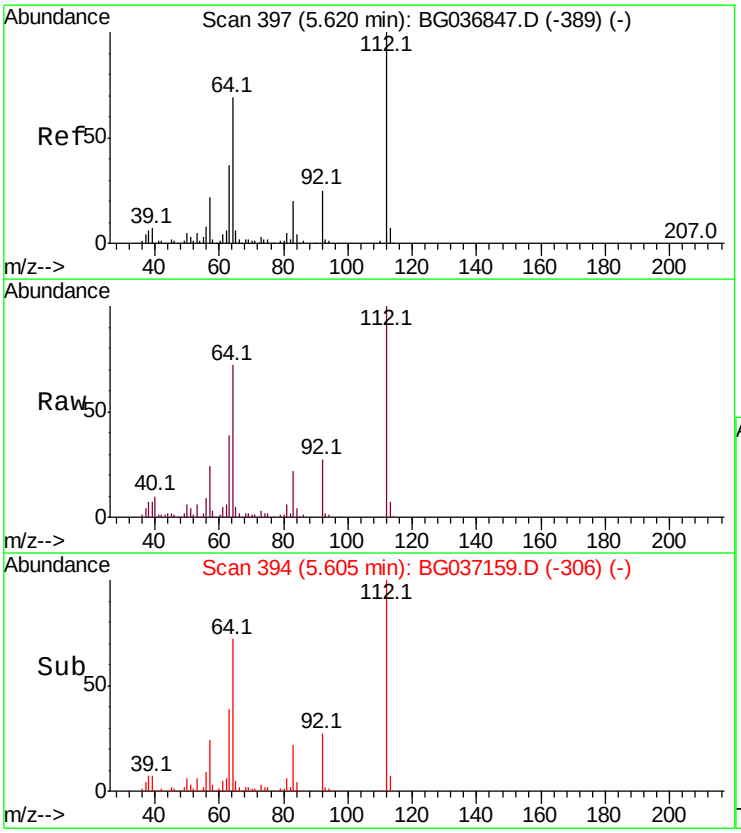
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-B

Tgt Ion:152 Resp: 38189

Ion	Ratio	Lower	Upper
152	100		
150	148.9	119.5	179.3
115	60.5	44.5	66.7

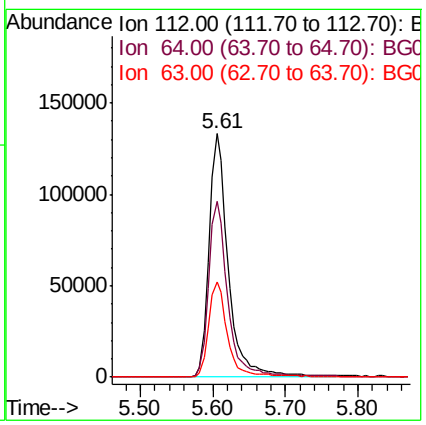


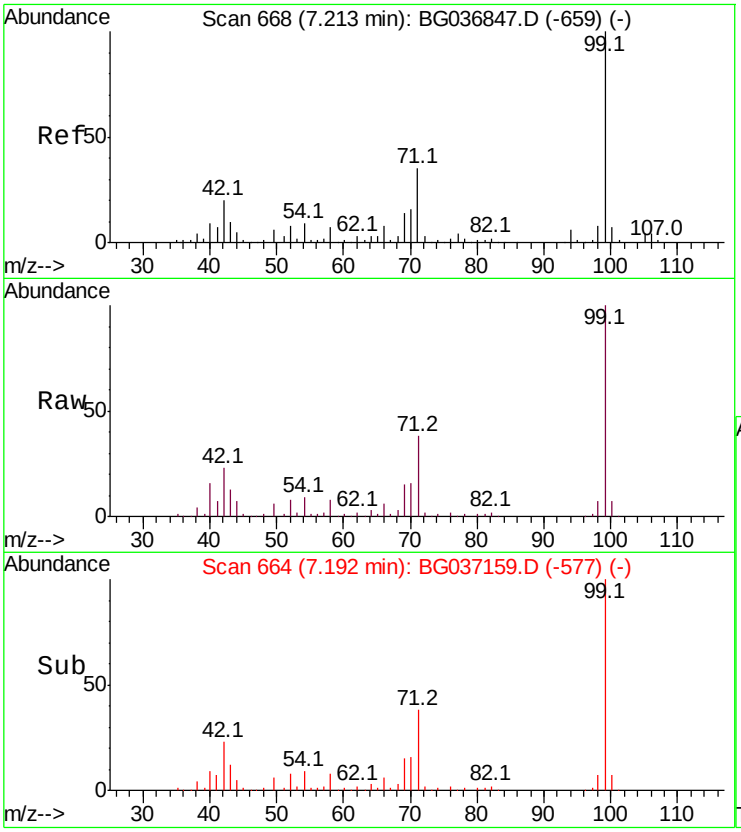


#5
2-Fluorophenol
Concen: 123.614 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Tgt Ion:112 Resp: 246153

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.2	85.8
63	39.2	30.8	46.2



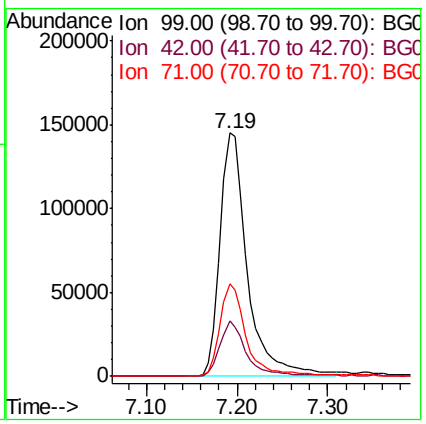


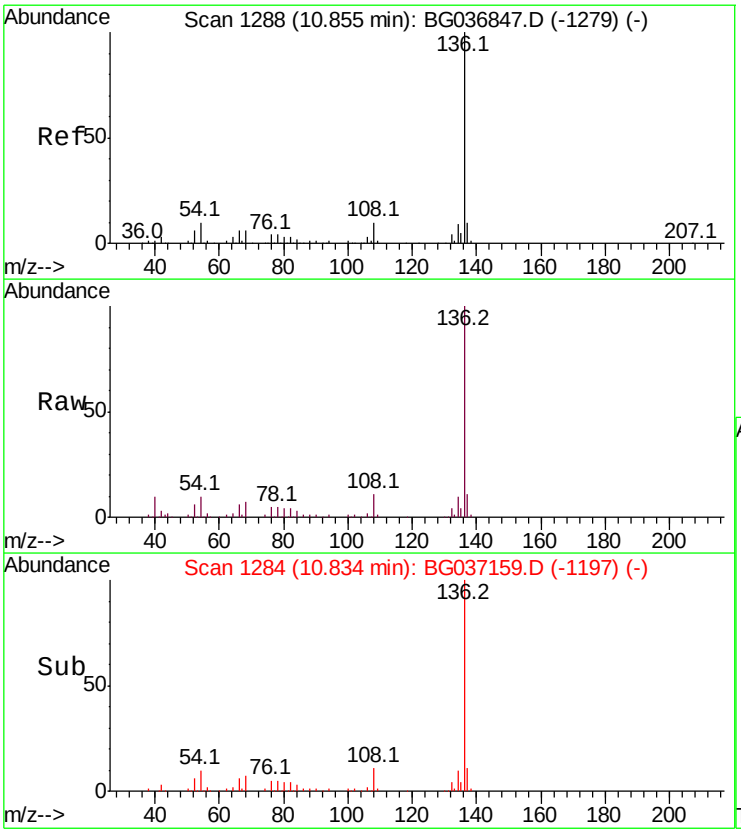
#7
Phenol-d6
Concen: 98.707 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-B

Tgt Ion: 99 Resp: 304105

Ion	Ratio	Lower	Upper
99	100		
42	22.7	16.5	24.7
71	37.9	29.4	44.2

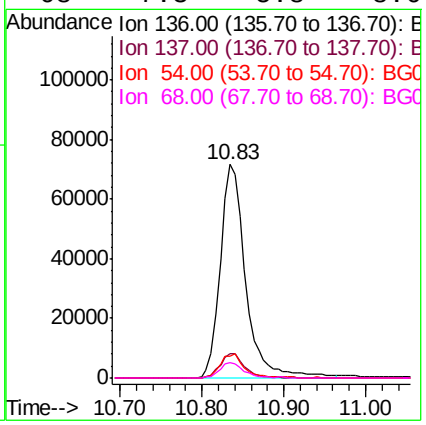


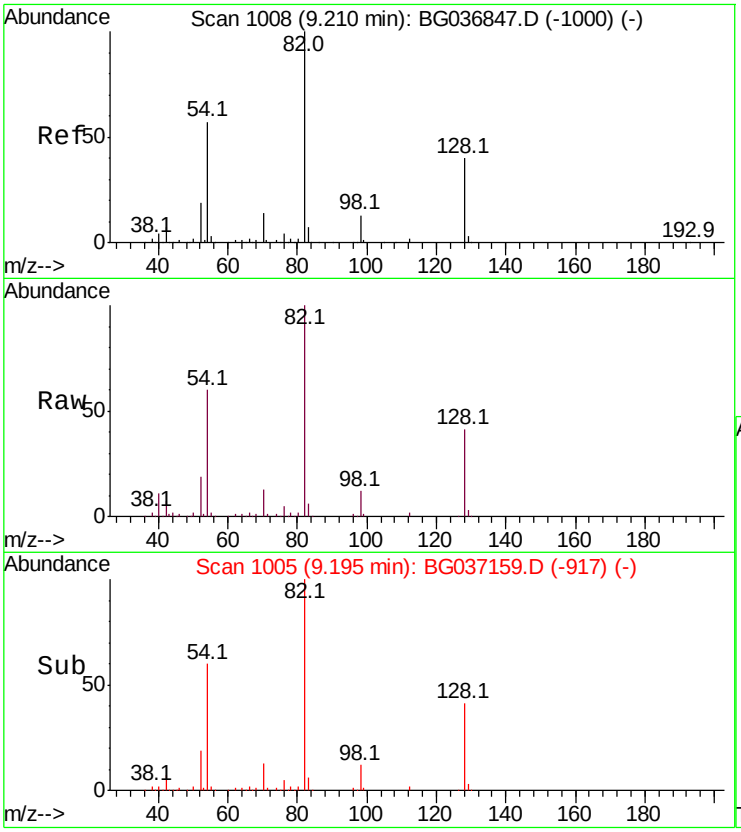


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Tgt Ion:136 Resp: 154889

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.5	9.2	13.8
68	7.3	5.8	8.6



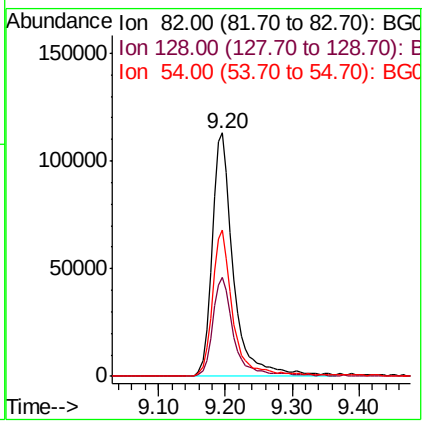


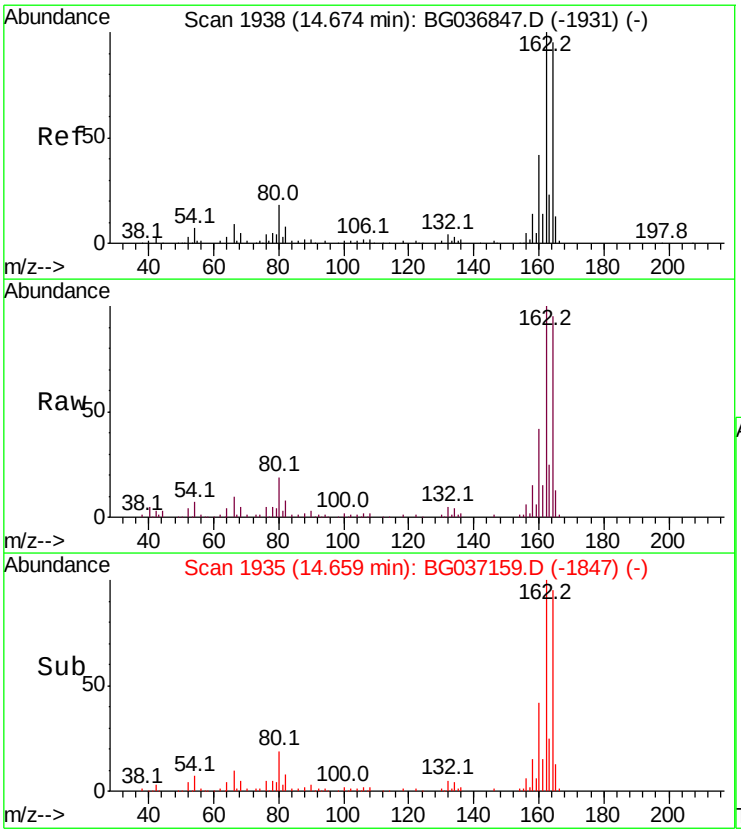
#23
Nitrobenzene-d5
Concen: 87.987 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-B

Tgt Ion: 82 Resp: 254489

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	60.0	45.1	67.7

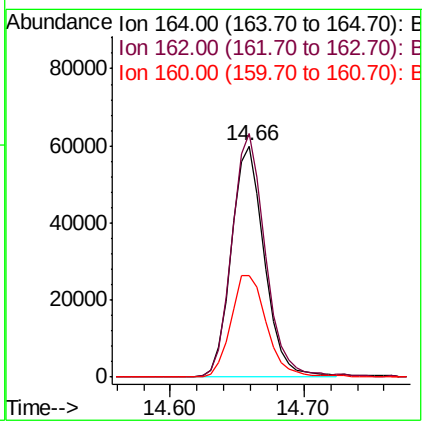


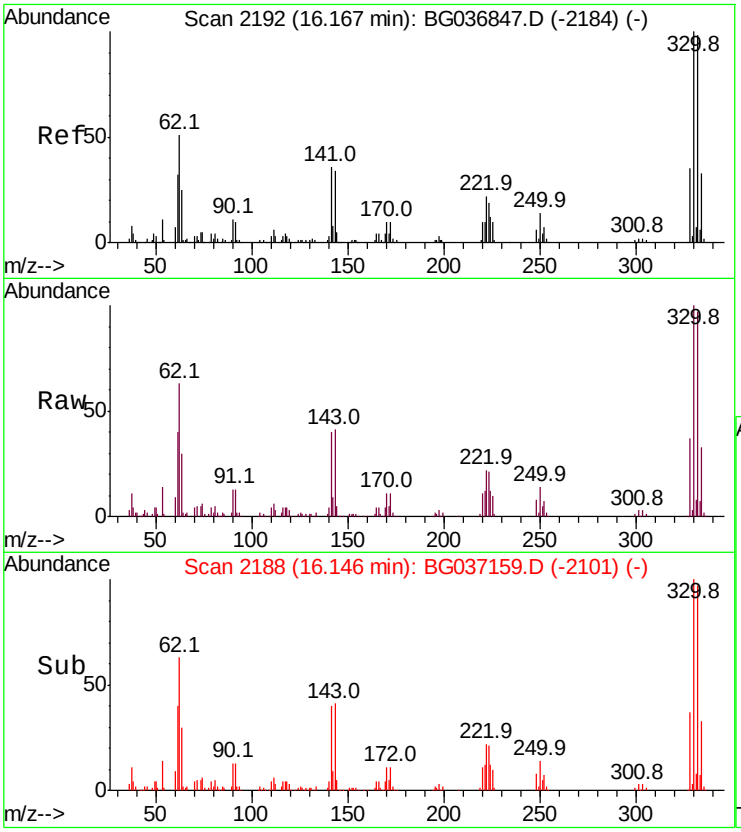


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Tgt Ion:164 Resp: 103349

Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.7	121.1
160	43.9	35.3	52.9



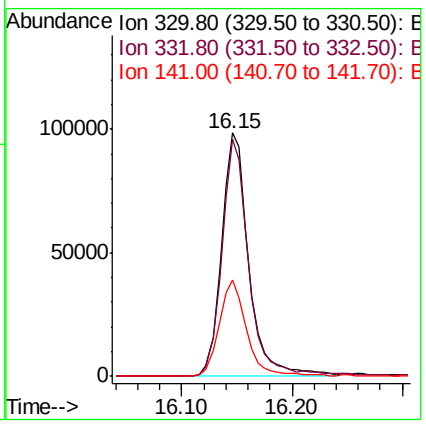


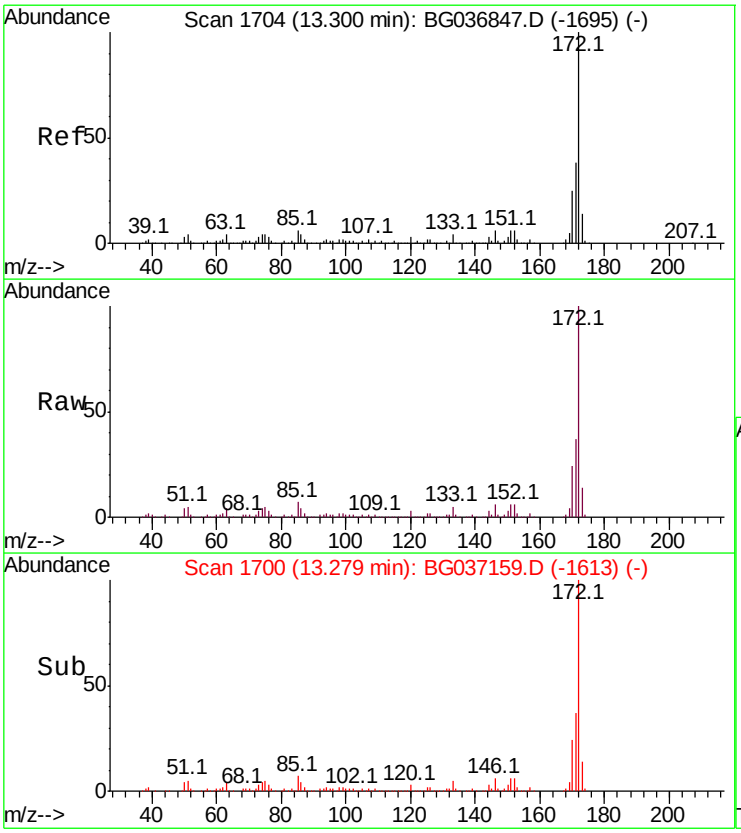
#41
2,4,6-Tribromophenol
Concen: 137.070 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-B

Tgt Ion:330 Resp: 169488

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.2
141	39.8	30.7	46.1

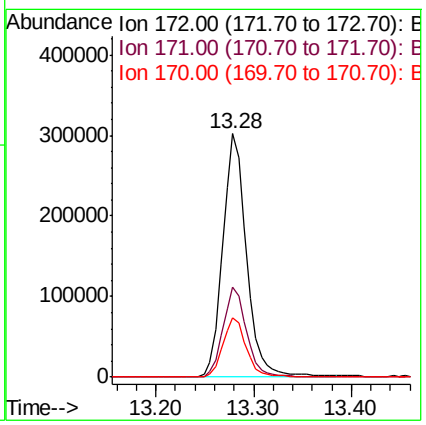


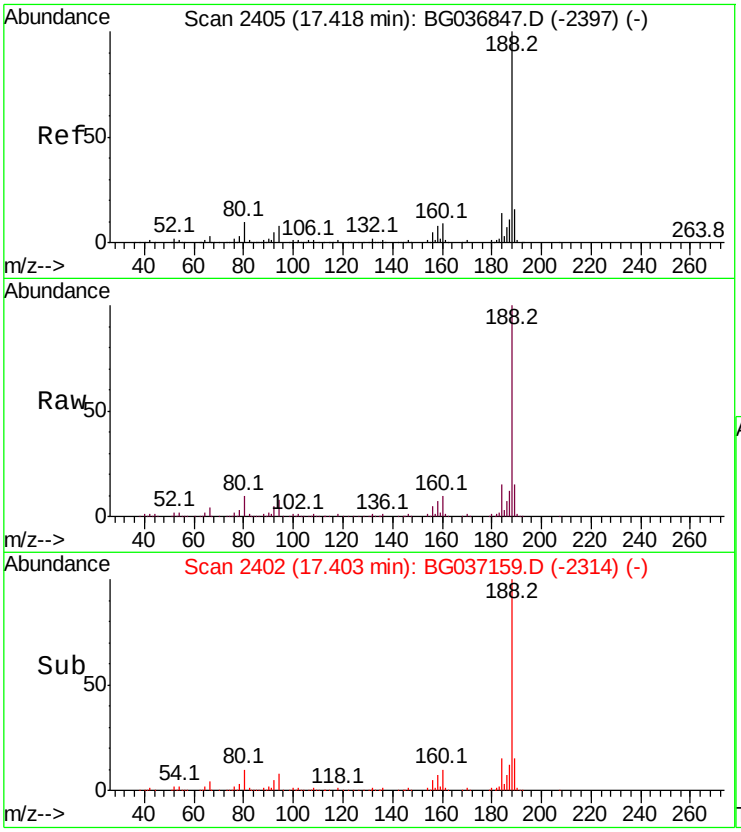


#44
2-Fluorobiphenyl
Concen: 73.879 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Tgt Ion:172 Resp: 512651

Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.3	46.9
170	24.3	21.0	31.6



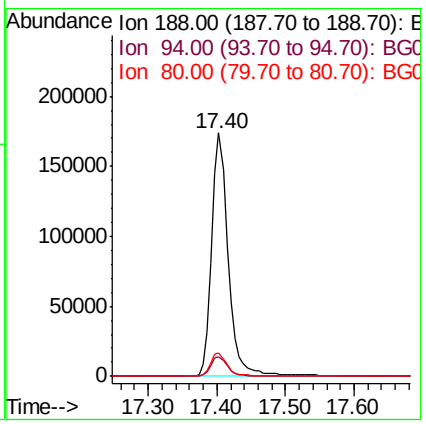


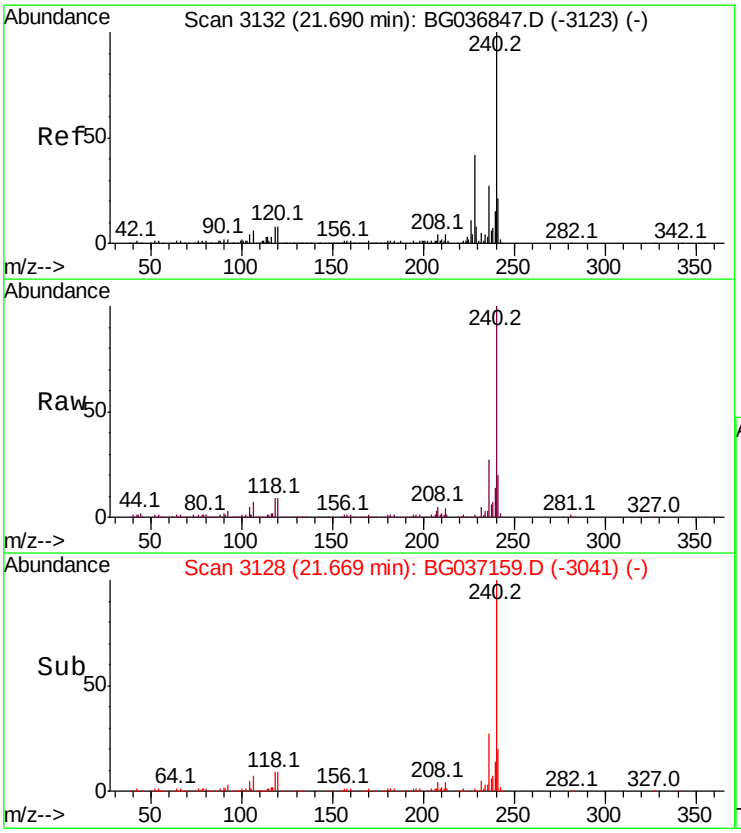
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-B

Tgt Ion:188 Resp: 291487

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.6	8.1	12.1

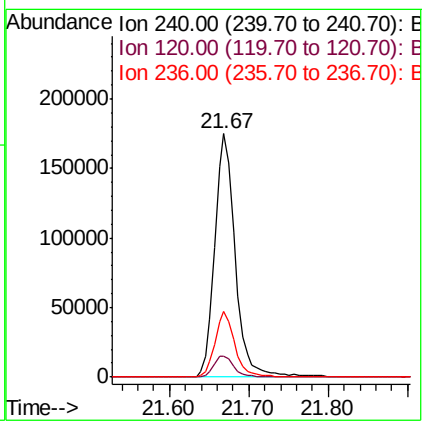


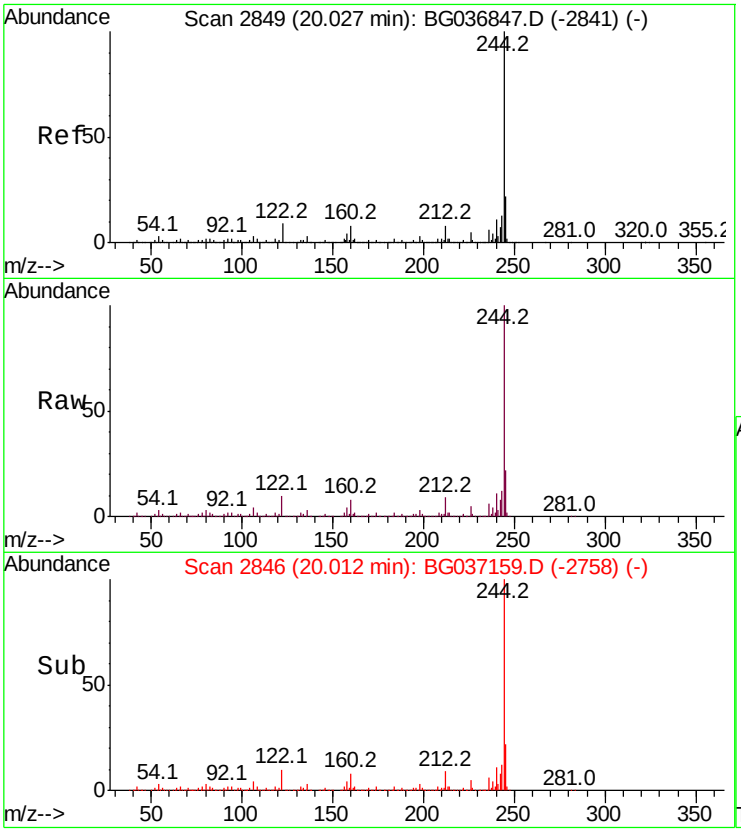


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Tgt Ion:240 Resp: 313198

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	27.1	21.2	31.8



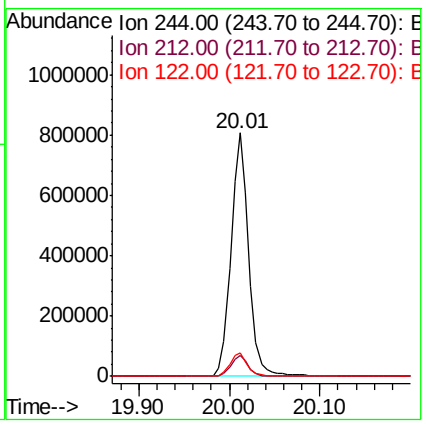


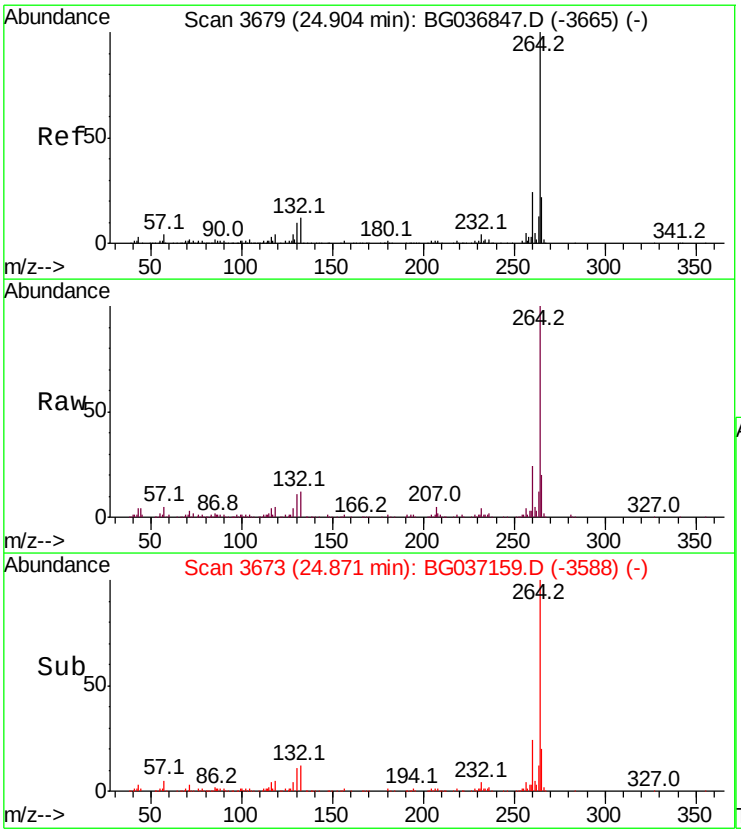
#78
Terphenyl-d14
Concen: 92.053 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-B

Tgt Ion:244 Resp: 1096438

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.6	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Tgt Ion:264 Resp: 312454

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	20.5	17.4	26.0