Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
Data File : BG036938.D
Acq On : 25 Sep 2018 4:54
Operator : JU/SJ
Sample : J4770-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-092118-J

Quant Time: Sep 25 07:33:19 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	8.05	152	38949	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	162618	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	113816	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	302017	20.00	ng	0.00
75) Chrysene-d12	21.68	240	316928	20.00	ng	-0.01
86) Perylene-d12	24.89	264	305456	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	244873	120.57	ng	0.00
7) Phenol-d6	7.20	99	317890	101.17	ng	-0.01
23) Nitrobenzene-d5	9.20	82	258046	84.98	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	155320	114.06	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	607438	79.49	ng	0.00
78) Terphenyl-d14	20.02	244	1138786	94.48	ng	0.00
Target Compounds						Qvalue

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

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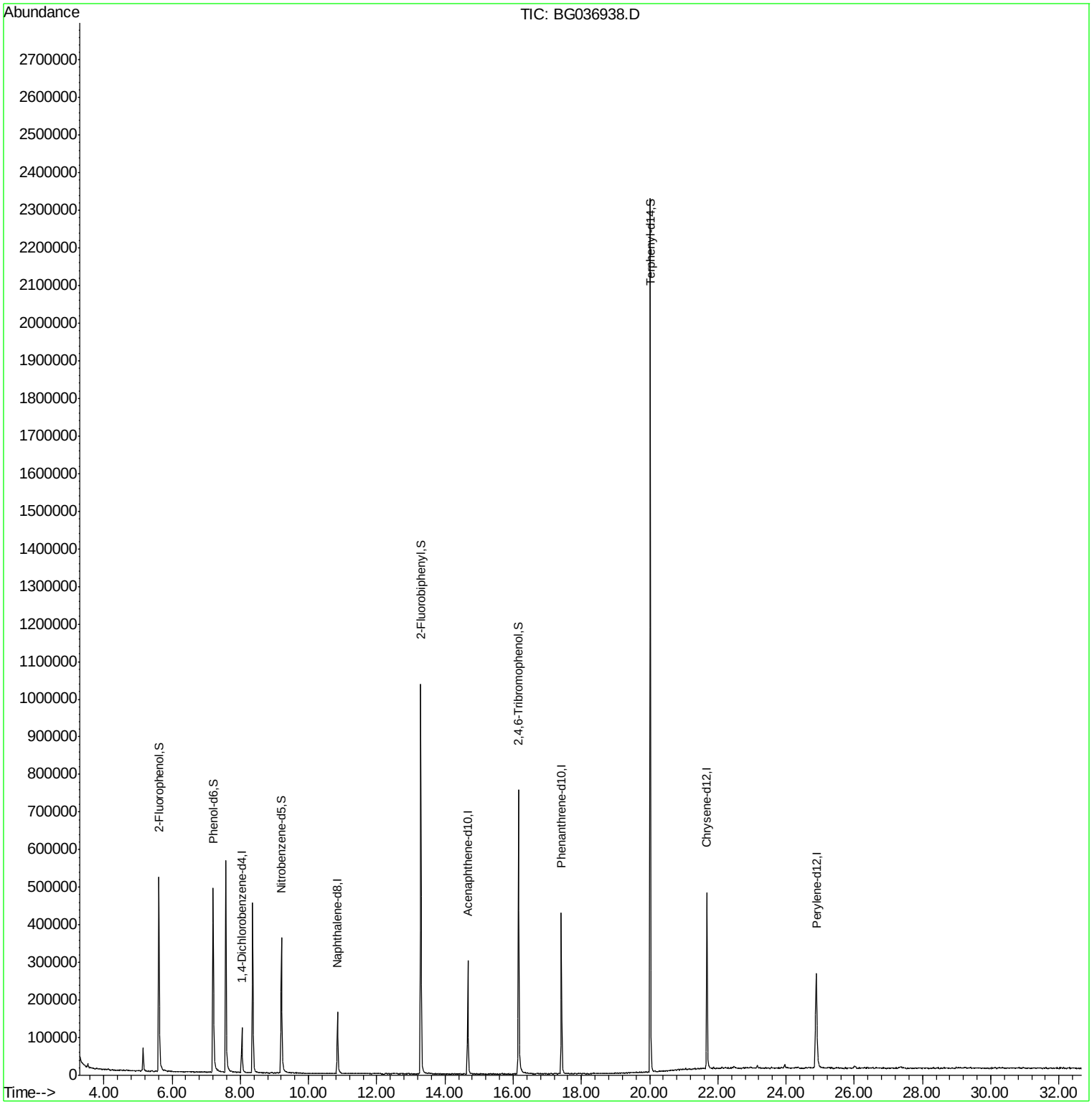
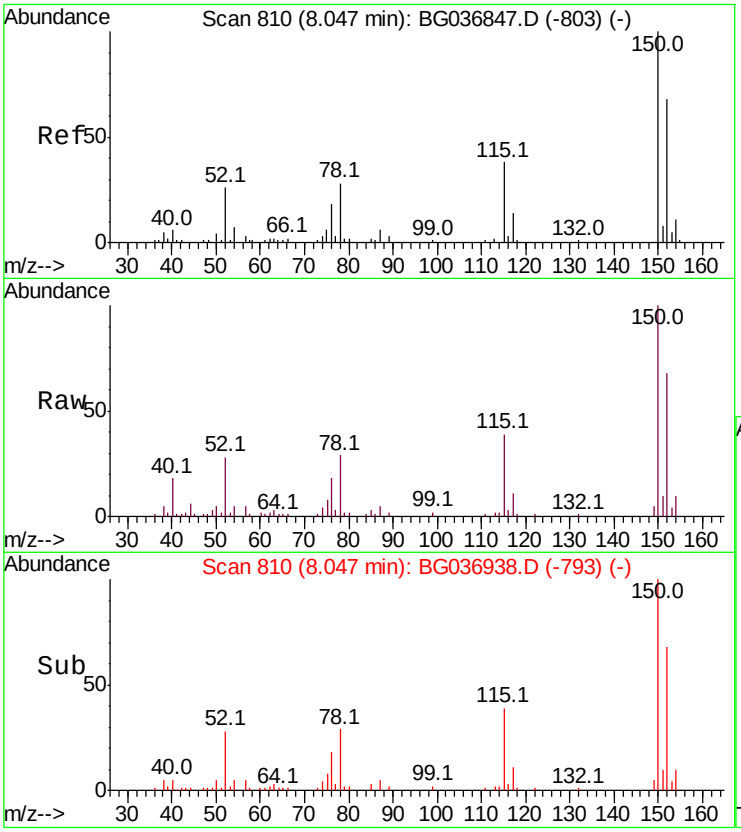


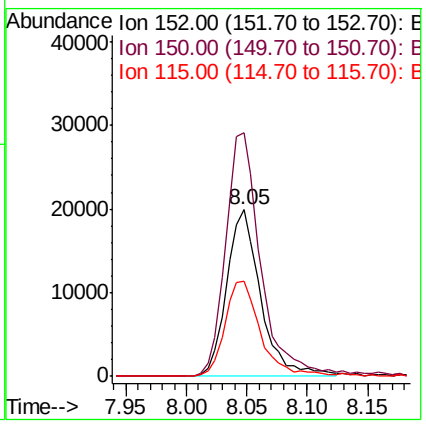


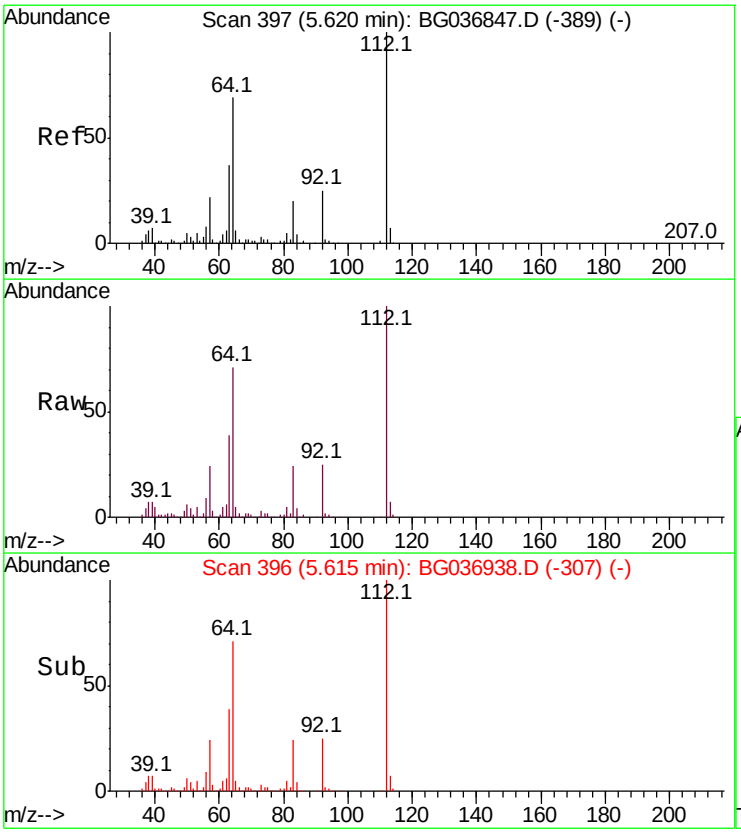
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-J

Tgt Ion:152 Resp: 38949

Ion	Ratio	Lower	Upper
152	100		
150	146.3	119.5	179.3
115	56.8	44.5	66.7

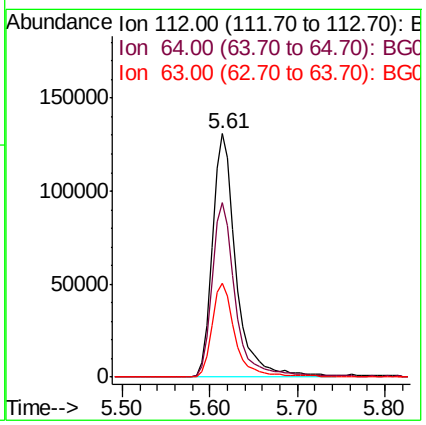


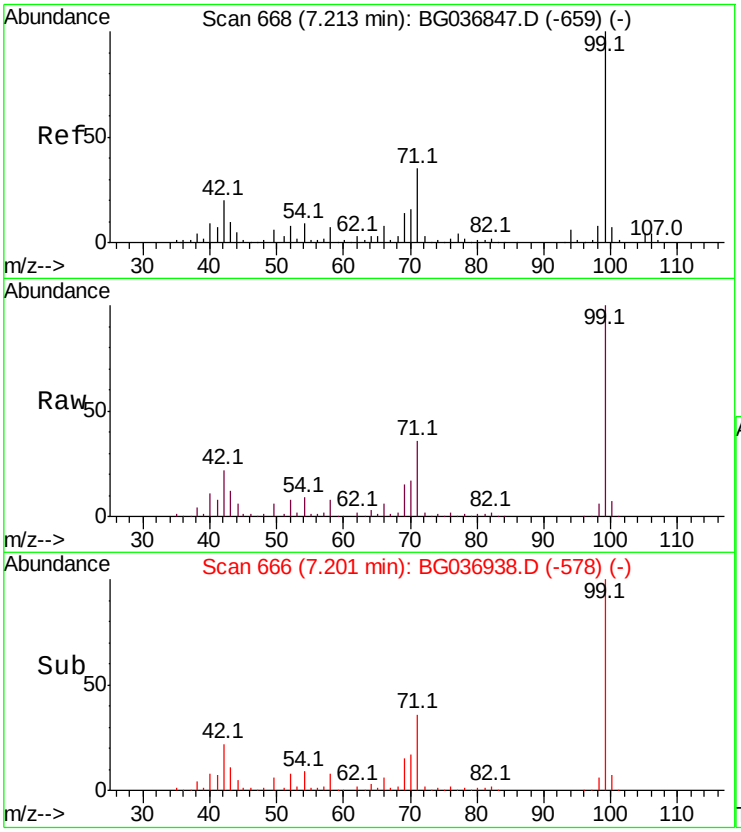


#5
2-Fluorophenol
Concen: 120.571 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Tgt Ion:112 Resp: 244873

Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.2	85.8
63	38.8	30.8	46.2



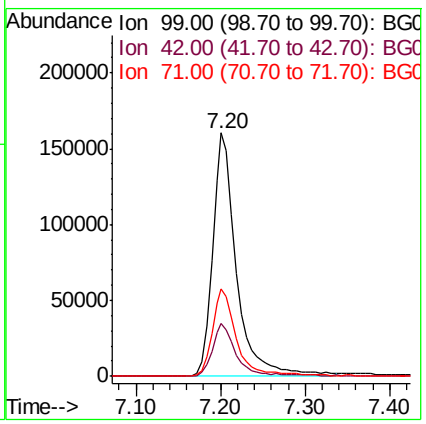


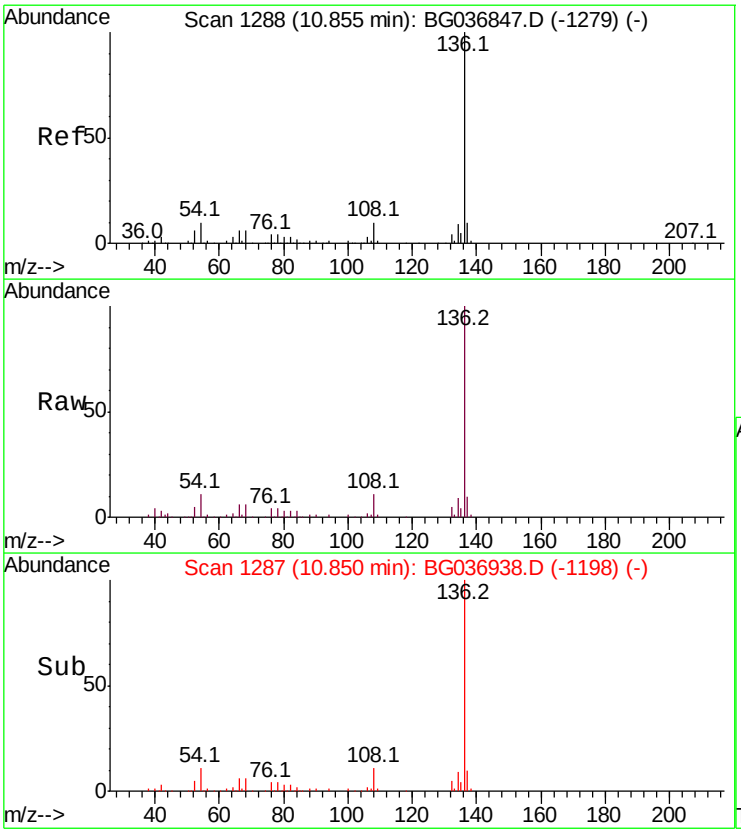
#7
Phenol-d6
Concen: 101.168 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-J

Tgt Ion: 99 Resp: 317890

Ion	Ratio	Lower	Upper
99	100		
42	21.9	16.5	24.7
71	36.0	29.4	44.2

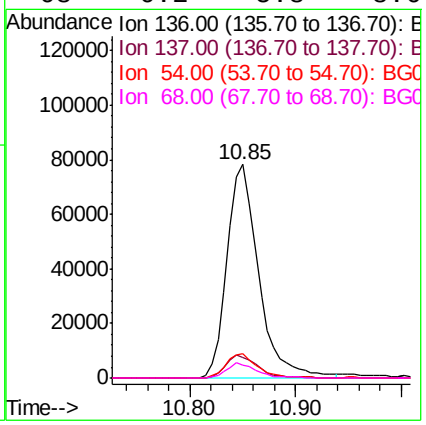


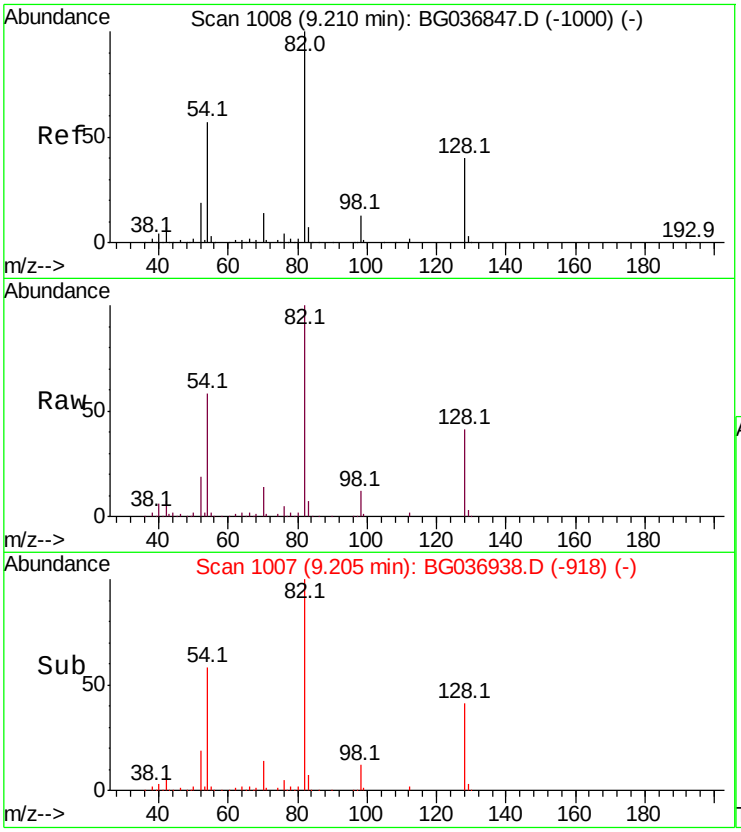


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Tgt Ion:136 Resp: 162618

Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.8	13.2
54	11.2	9.2	13.8
68	6.2	5.8	8.6



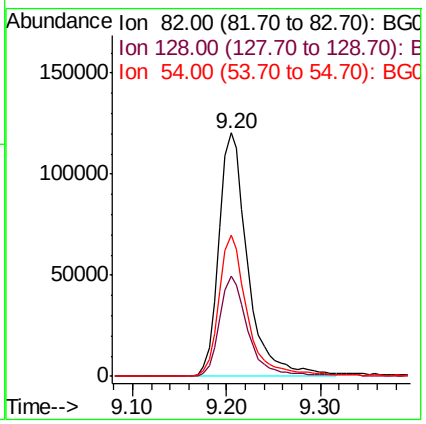


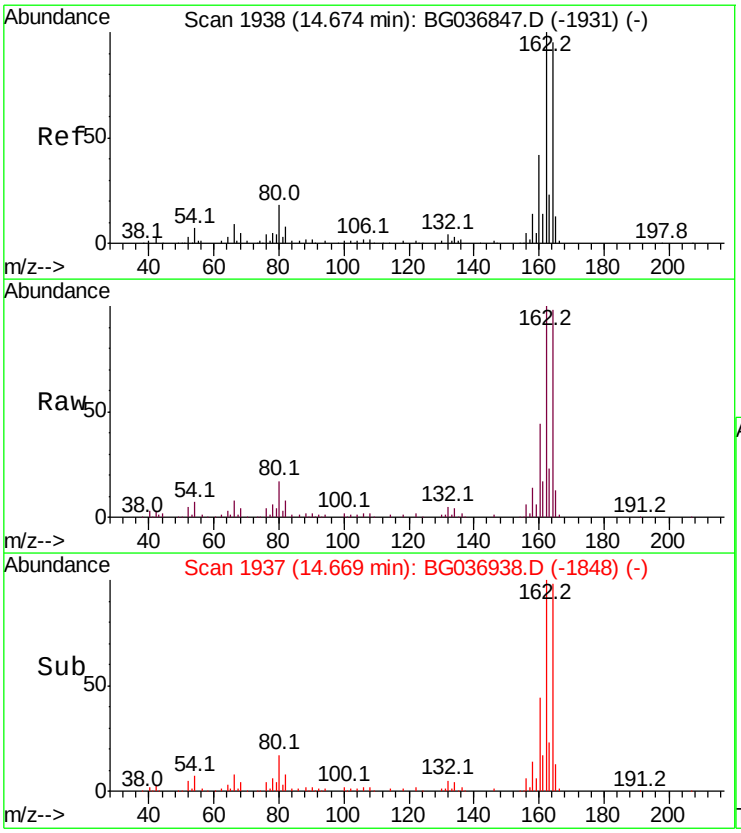
#23
Nitrobenzene-d5
Concen: 84.976 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-J

Tgt Ion: 82 Resp: 258046

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	58.2	45.1	67.7

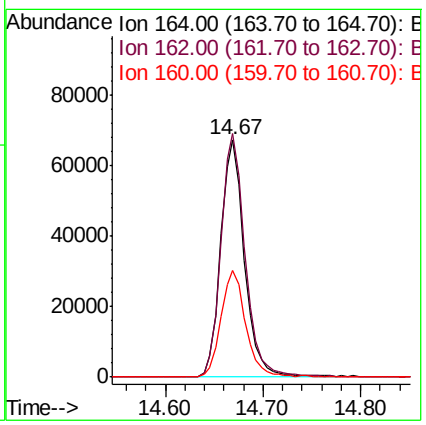


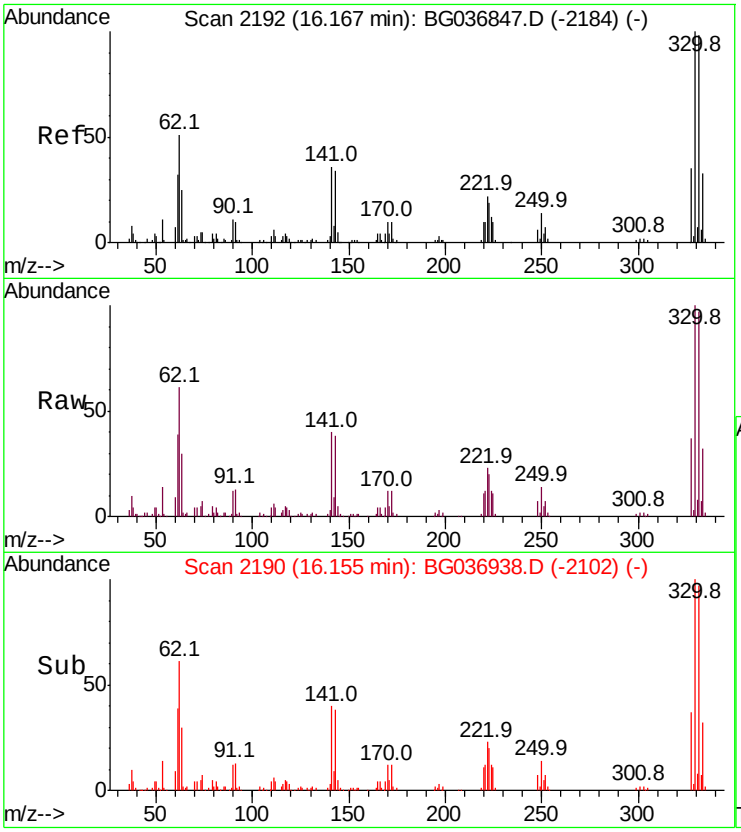


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Tgt Ion:164 Resp: 113816

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	44.6	35.3	52.9



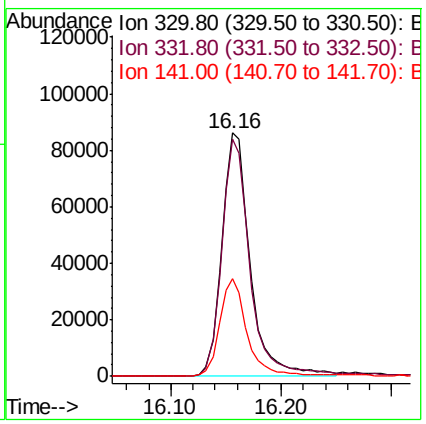


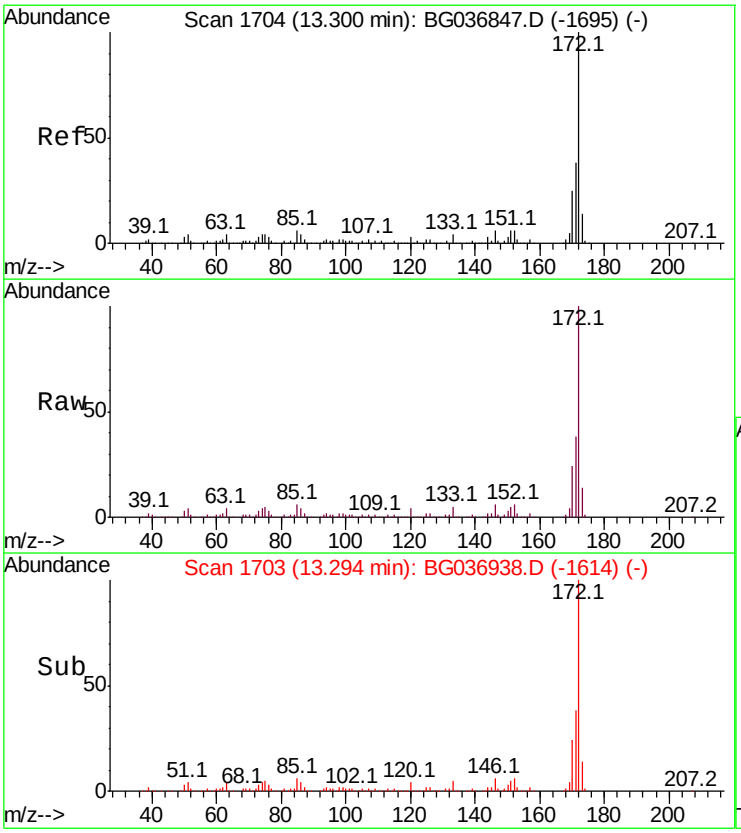
#41
2,4,6-Tribromophenol
Concen: 114.060 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-J

Tgt Ion:330 Resp: 155320

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.4	113.2
141	38.7	30.7	46.1

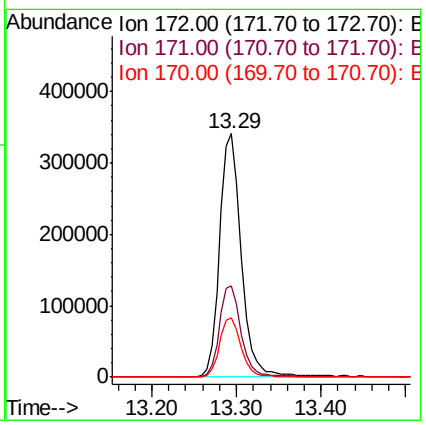


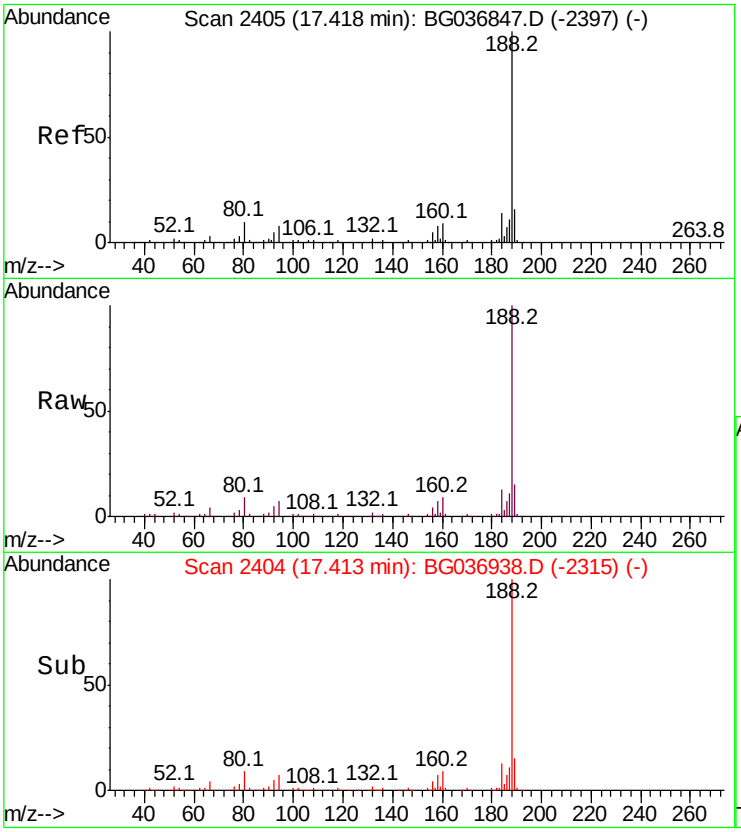


#44
2-Fluorobiphenyl
Concen: 79.489 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Tgt Ion:172 Resp: 607438

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.4	21.0	31.6



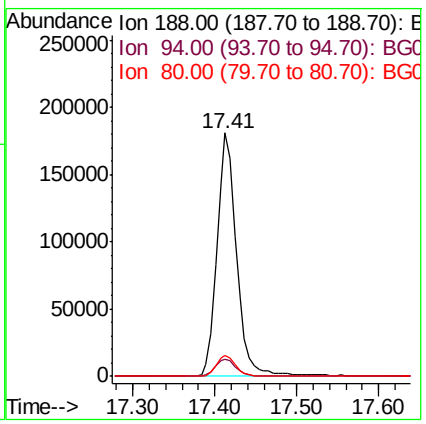


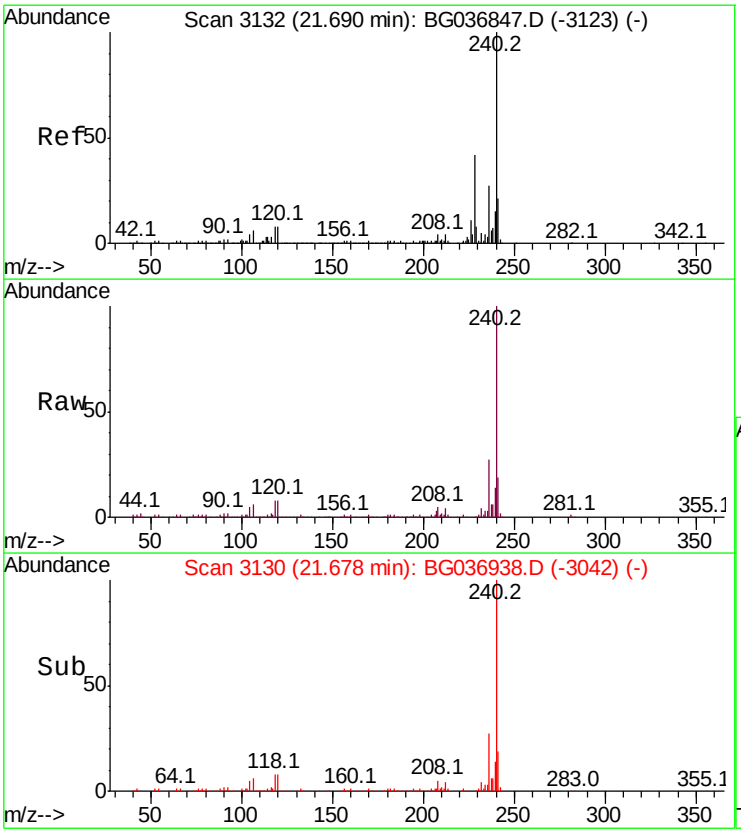
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-J

Tgt Ion:188 Resp: 302017

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	8.8	8.1	12.1

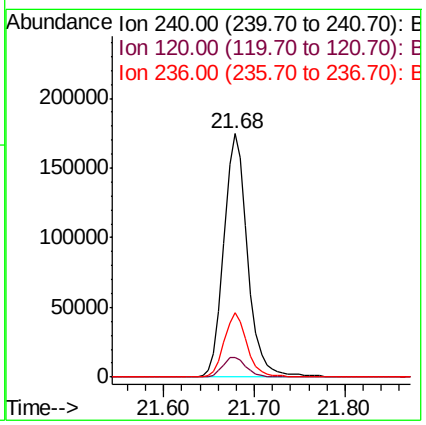


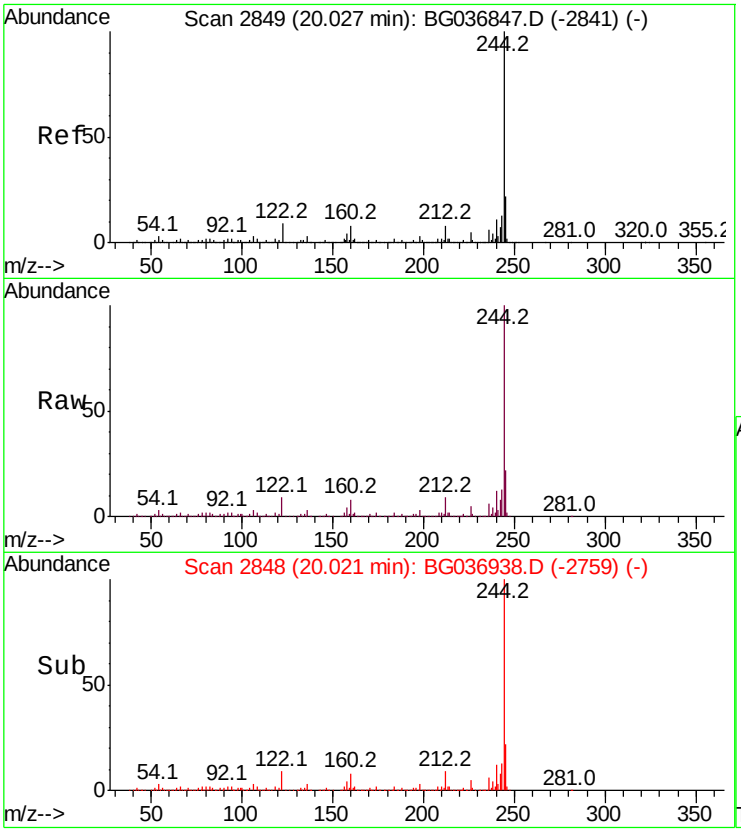


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Tgt Ion:240 Resp: 316928

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.9	10.3
236	26.5	21.2	31.8



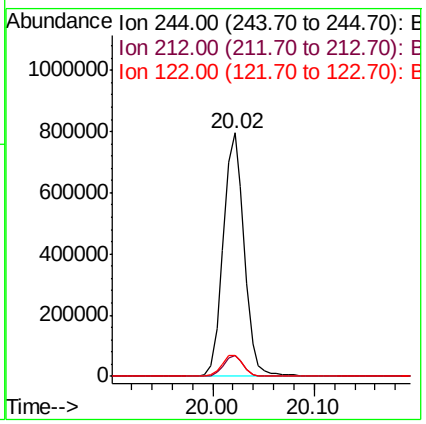


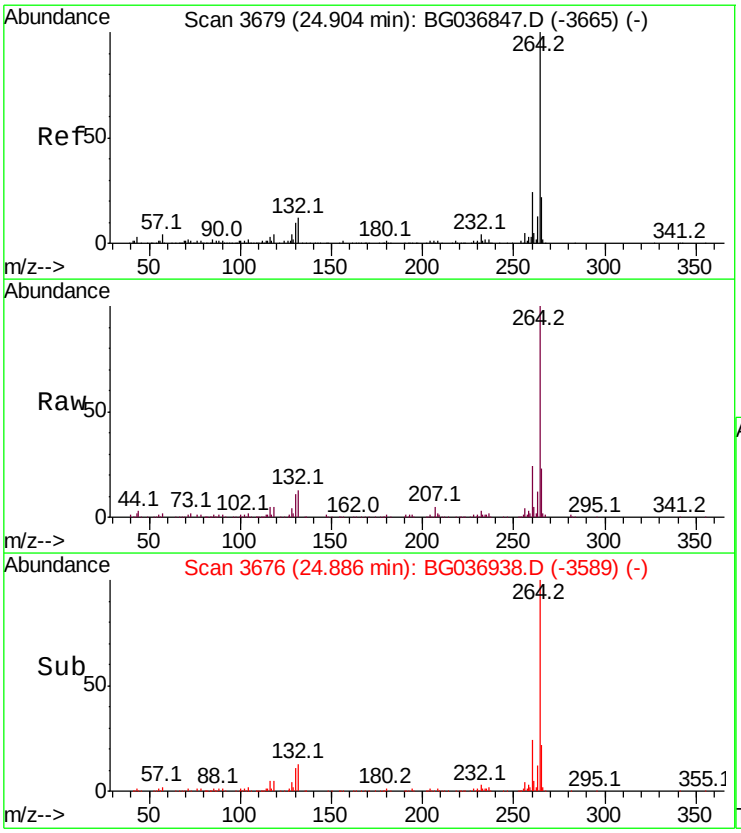
#78
Terphenyl-d14
Concen: 94.483 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-J

Tgt Ion:244 Resp: 1138786

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.6	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036938.D
Acq: 25 Sep 2018 4:54

Tgt Ion:264 Resp: 305456

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.7	17.4	26.0