Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037704.D
Acq On : 1 Nov 2018 5:25
Operator : JU/SJ
Sample : J5377-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200036

Quant Time: Nov 01 07:30:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54761	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	244046	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	161388	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	387118	20.00	ng	0.00
76) Chrysene-d12	21.76	240	370002	20.00	ng	-0.01
87) Perylene-d12	25.10	264	306708	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	351530	107.32	ng	0.00
7) Phenol-d6	7.24	99	461265	93.13	ng	0.00
23) Nitrobenzene-d5	9.28	82	349588	80.25	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	170883	97.08	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	817268	76.36	ng	-0.01
79) Terphenyl-d14	20.08	244	1252847	72.35	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.98	128	2241774	187.018	ng	# 93
37) 2-Methylnaphthalene	12.57	142	1058949	121.189	ng	99
38) 1-Methylnaphthalene	12.79	142	563466	66.401	ng	99
46) 1,1'-Biphenyl	13.56	154	266633	19.949	ng	100
52) Acenaphthene	14.80	154	880074	93.946	ng	98
55) Dibenzofuran	15.13	168	774354	49.891	ng	99
58) Fluorene	15.78	166	551089	47.414	ng	99
71) Phenanthrene	17.52	178	867713	44.103	ng	99
72) Anthracene	17.61	178	52025	2.695	ng	96
73) Carbazole	17.89	167	581875	30.128	ng	98
75) Fluoranthene	19.53	202	136789	6.130	ng	98
78) Pyrene	19.89	202	82405	3.407	ng	98

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

Quantitation Report (QT Reviewed)

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Data File : BG037704.D
Acq On : 1 Nov 2018 5:25
Operator : JU/SJ
Sample : J5377-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200036

Quant Time: Nov 01 07:30:10 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
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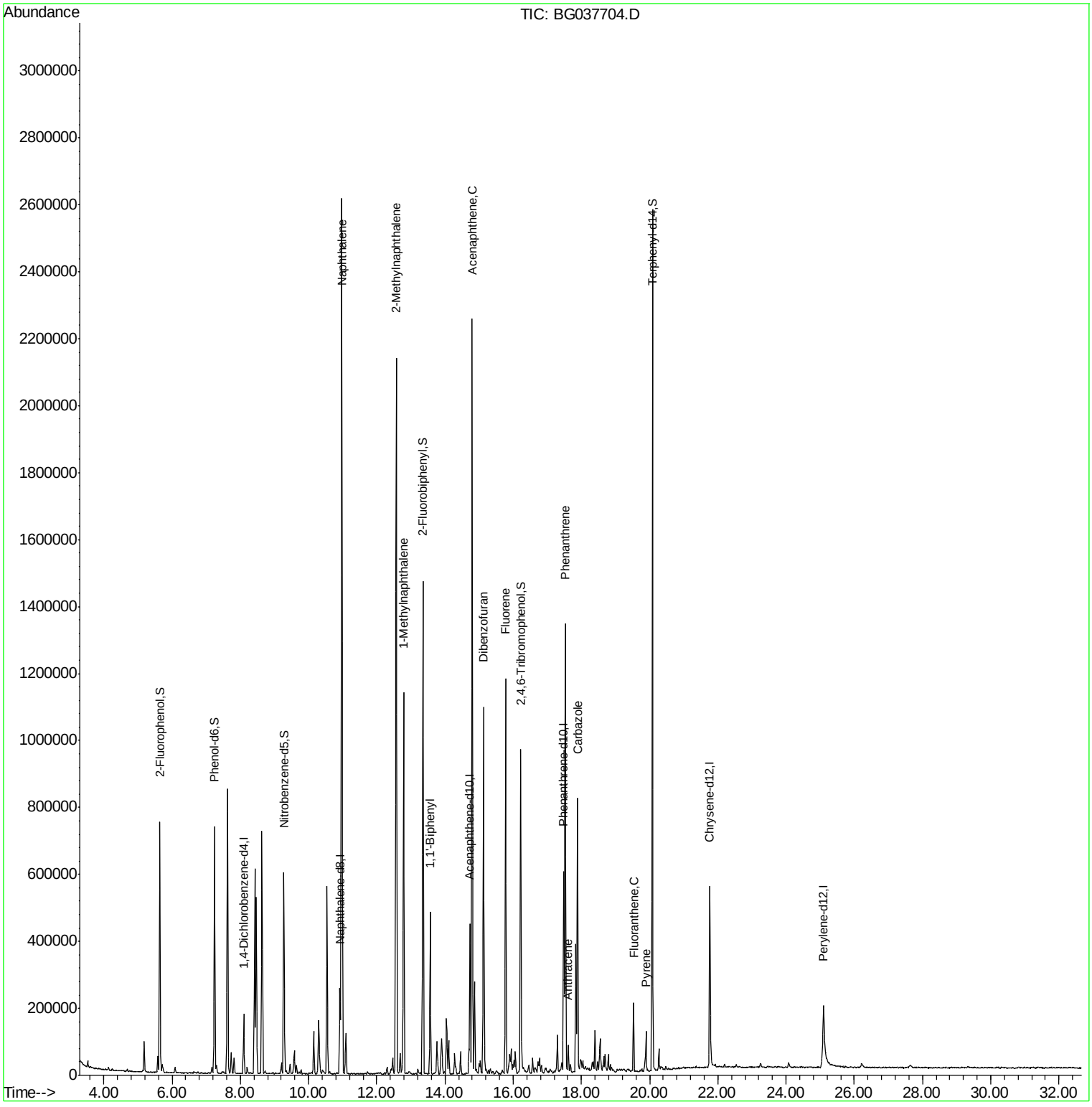
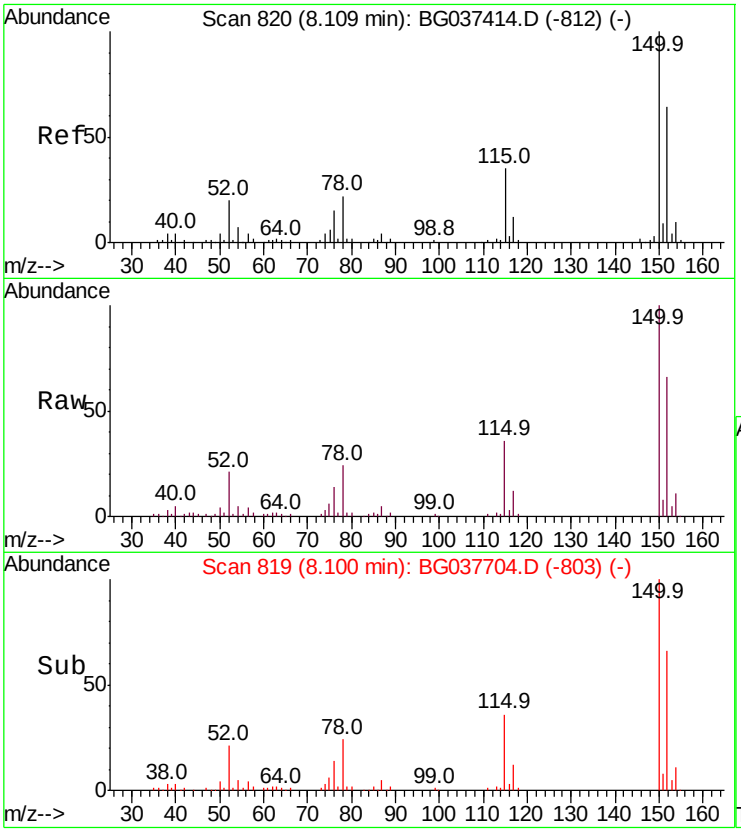


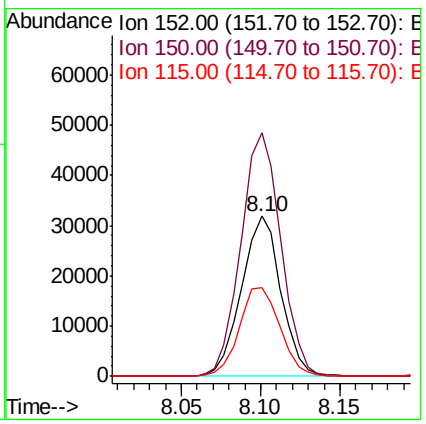


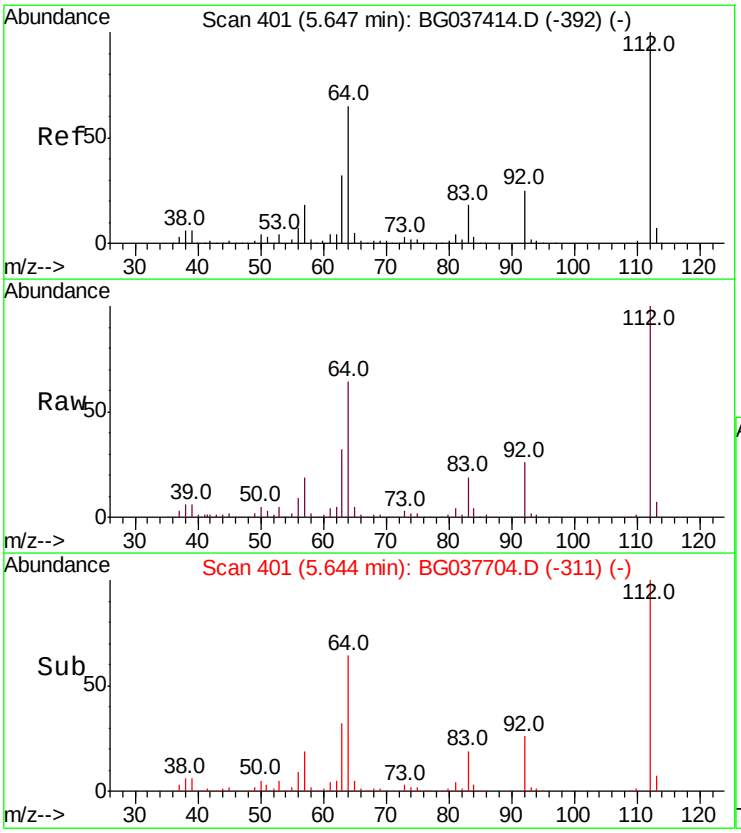
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion:152 Resp: 54761

Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.0	189.0
115	55.4	45.5	68.3

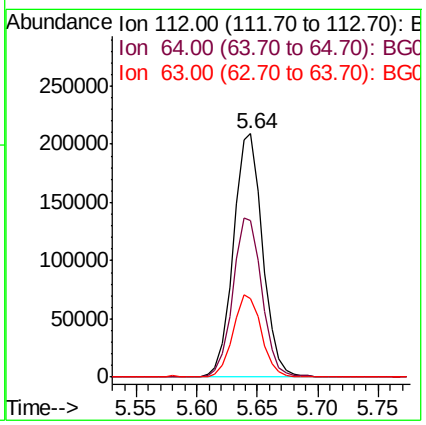


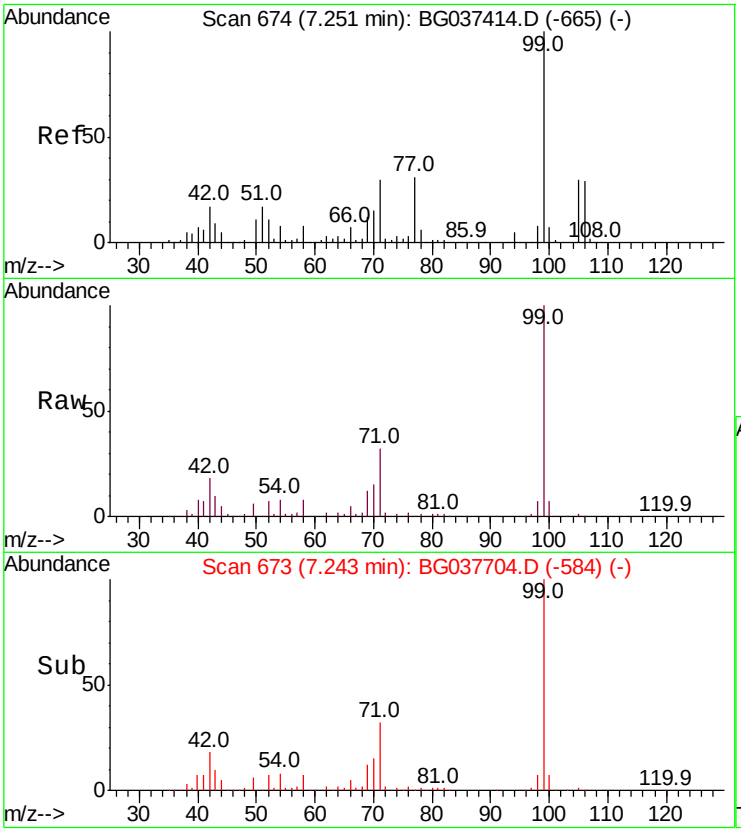


#5
2-Fluorophenol
Concen: 107.322 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:112 Resp: 351530

Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.1	79.7
63	32.4	27.3	40.9



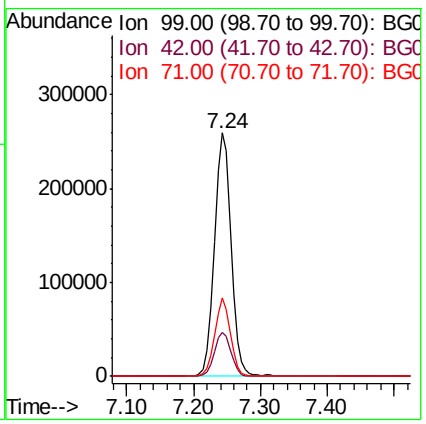


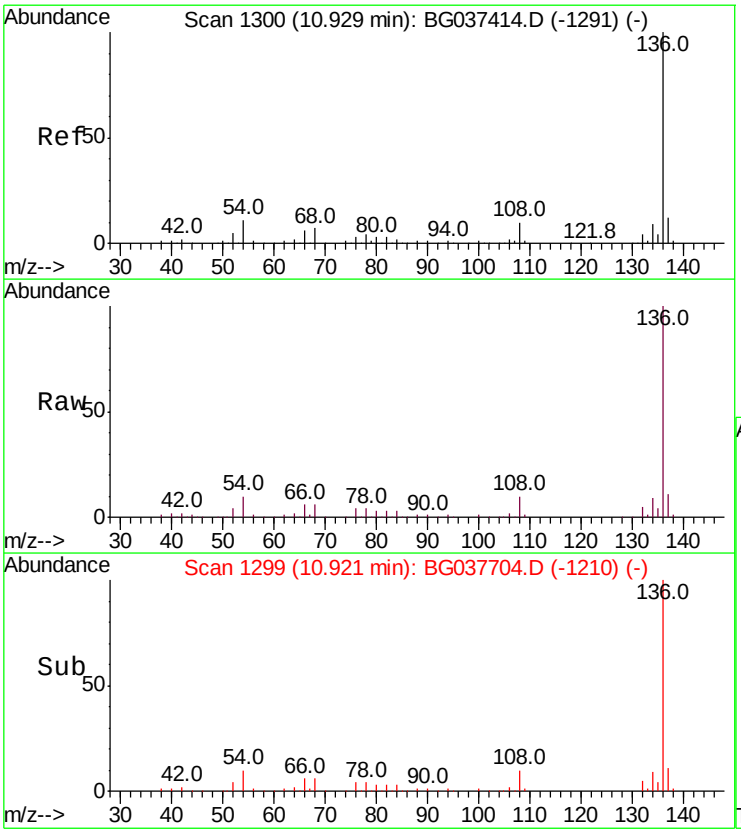
#7
Phenol-d6
Concen: 93.130 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion: 99 Resp: 461265

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	32.2	25.5	38.3

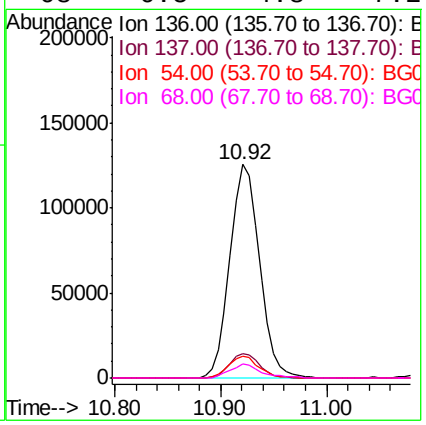


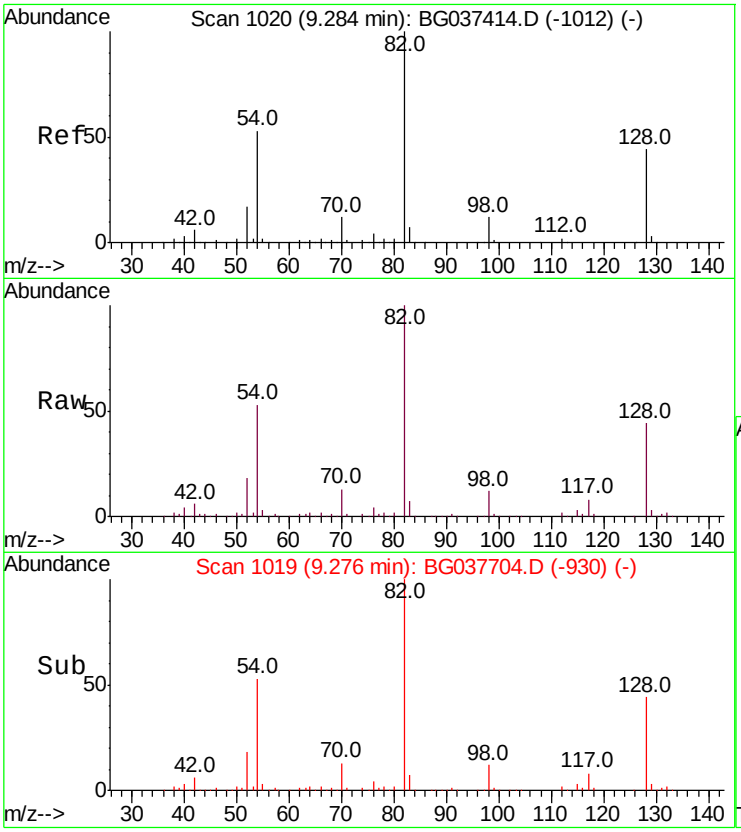


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:136 Resp: 244046

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.3	7.9	11.9
68	6.5	4.8	7.2



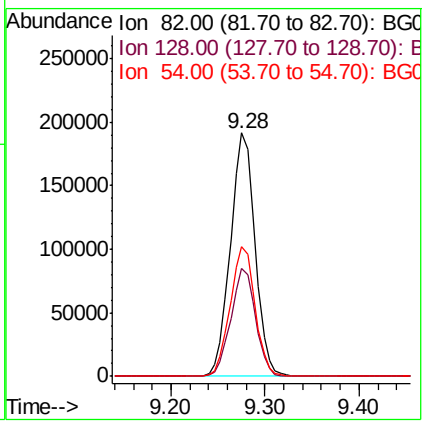


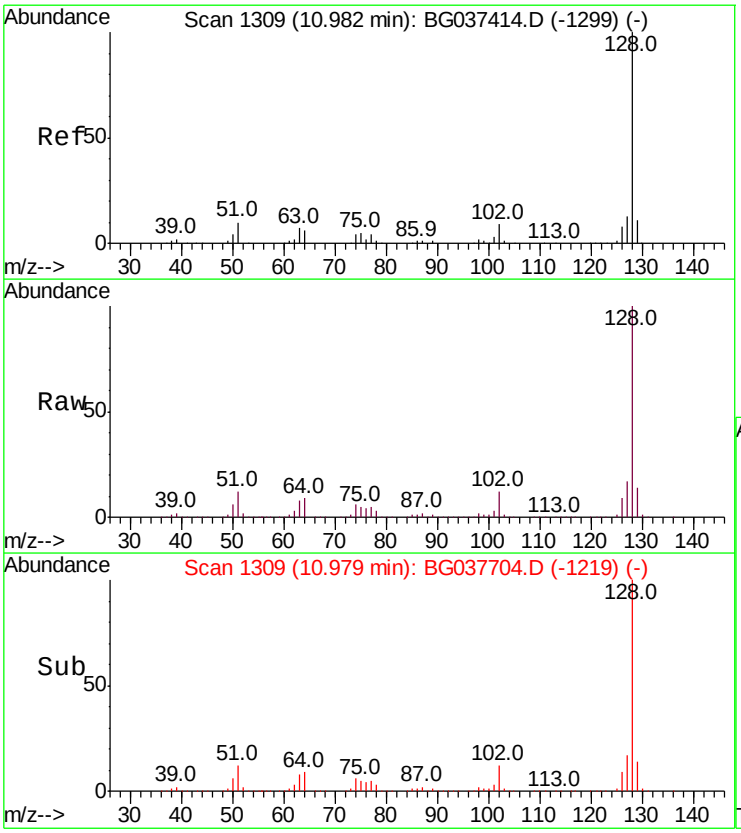
#23
Nitrobenzene-d5
Concen: 80.245 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion: 82 Resp: 349588

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	53.1	45.3	67.9

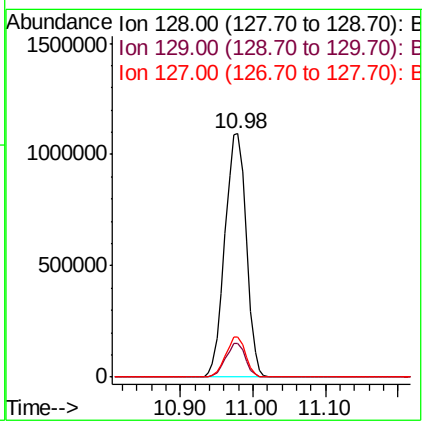


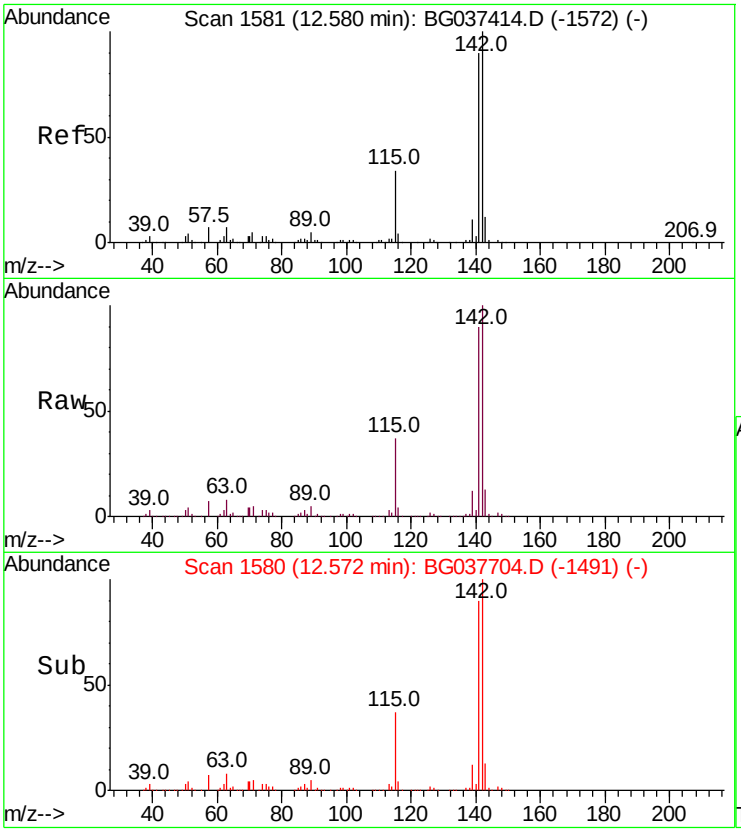


#31
Naphthalene
Concen: 187.018 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:128 Resp: 2241774

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.0	13.6#
127	16.6	11.1	16.7



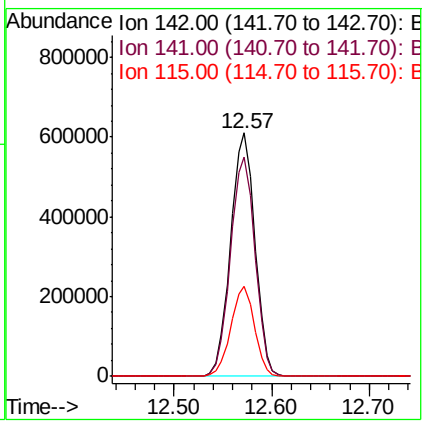


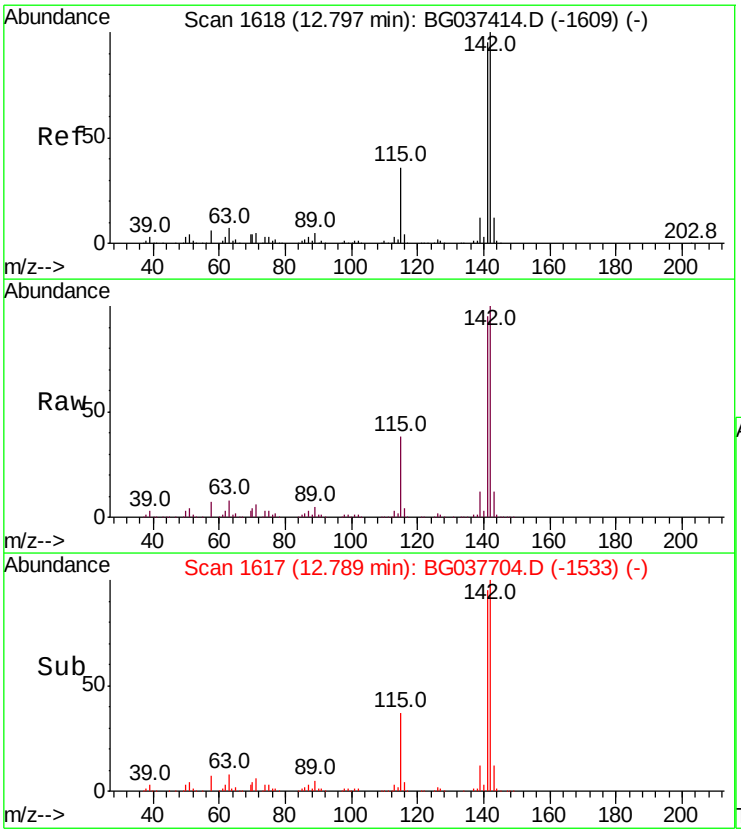
#37
2-Methylnaphthalene
Concen: 121.189 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion:142 Resp: 1058949

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
115	36.8	27.8	41.8

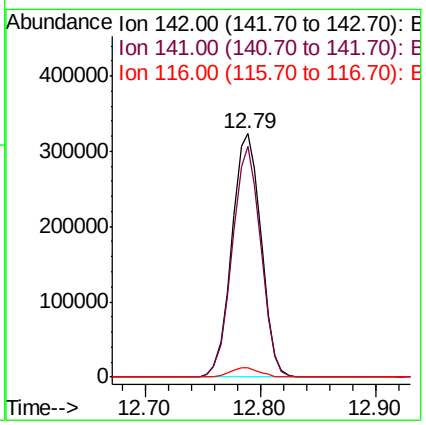


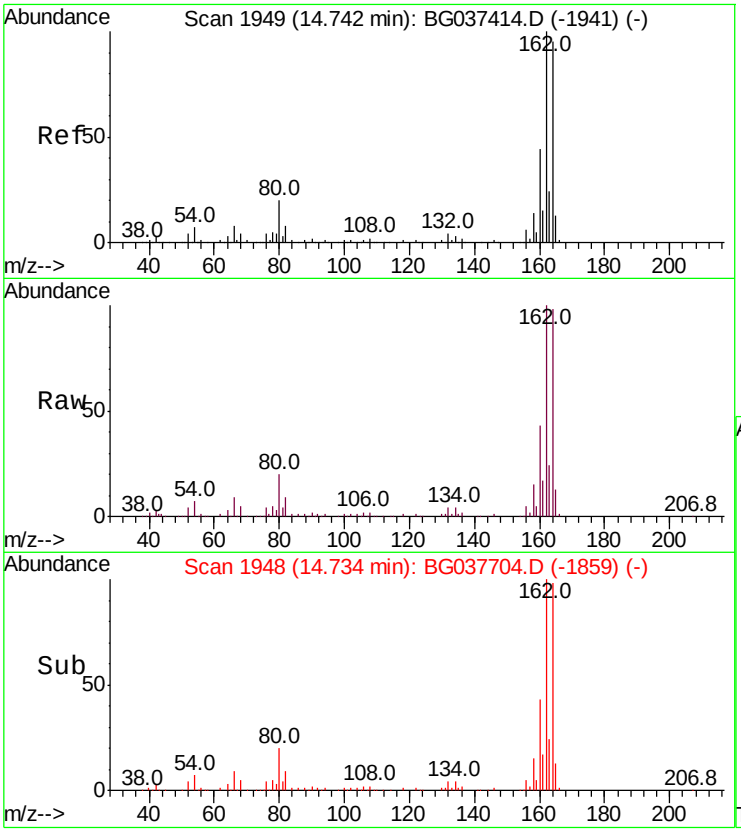


#38
1-Methylnaphthalene
Concen: 66.401 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:142 Resp: 563466

Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.2	112.8
116	4.0	3.3	4.9



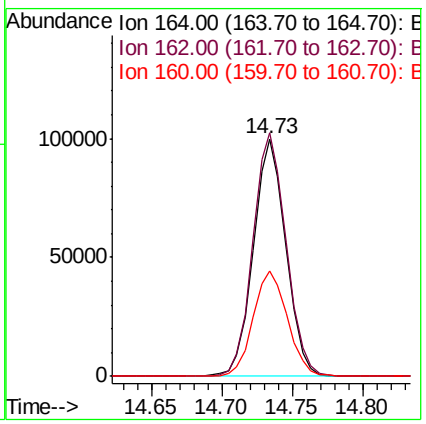


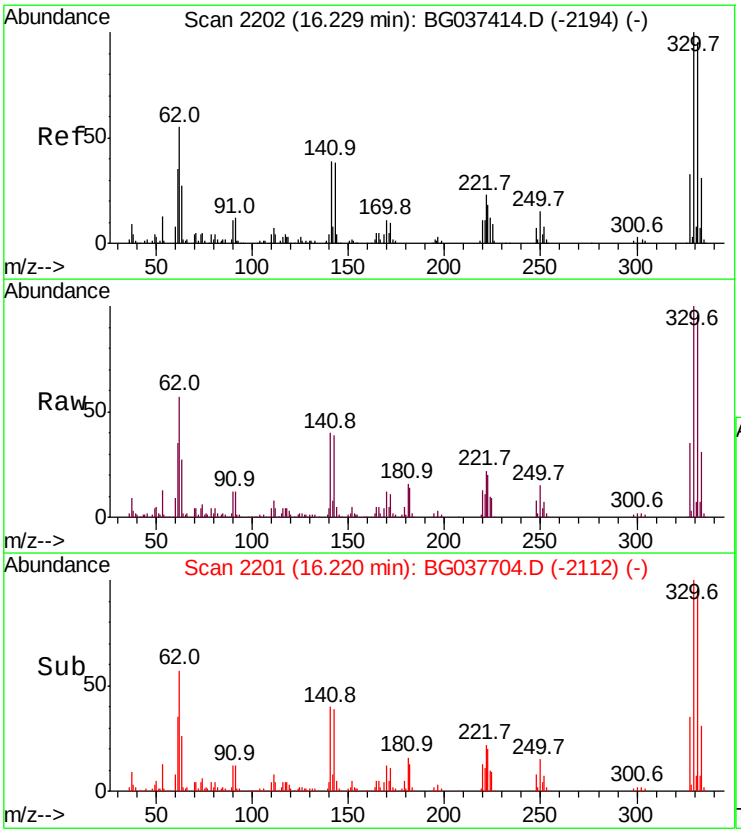
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion:164 Resp: 161388

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	44.1	36.3	54.5

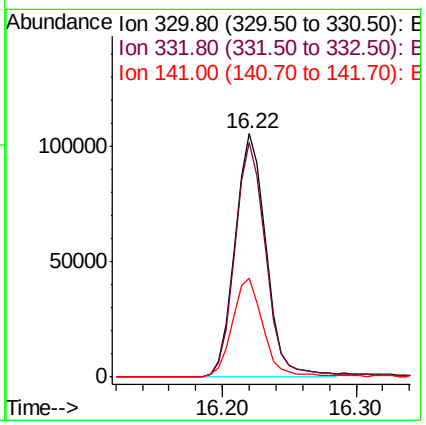


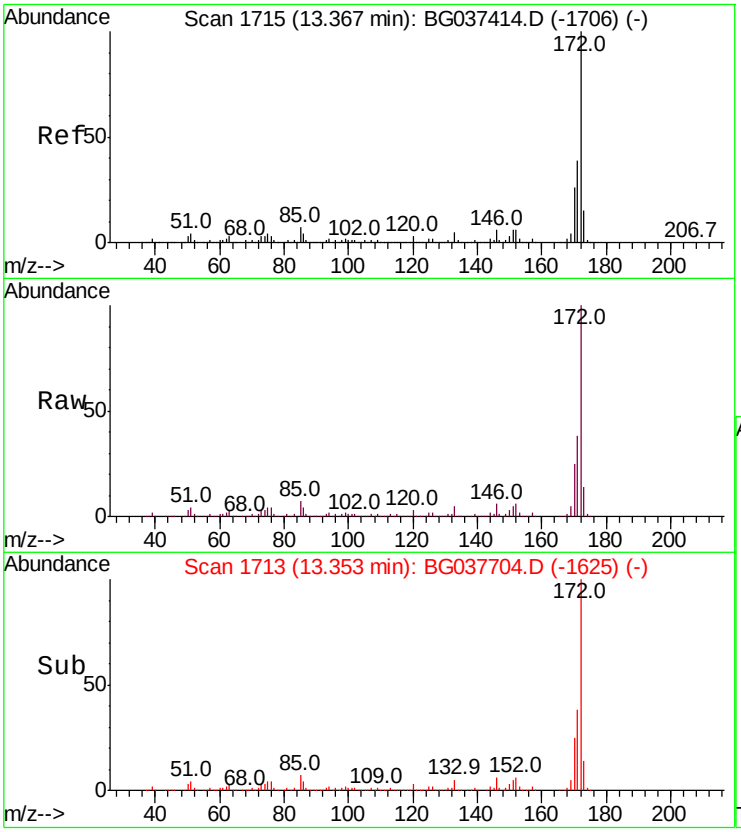


#42
2,4,6-Tribromophenol
Concen: 97.079 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:330 Resp: 170883

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.4	117.6
141	41.0	32.2	48.2



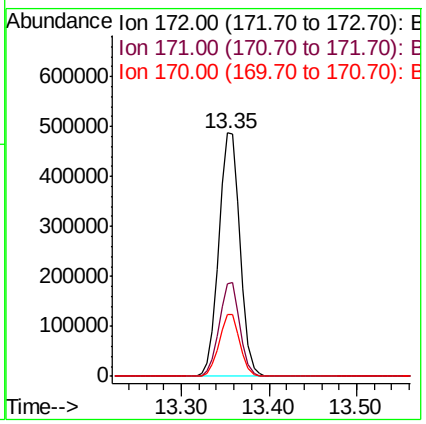


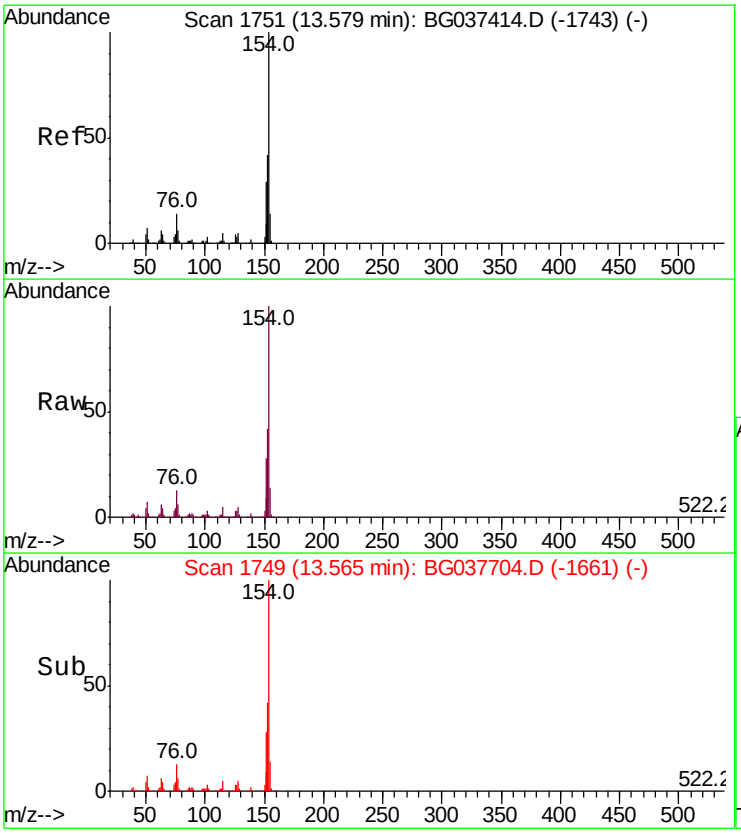
#45
2-Fluorobiphenyl
Concen: 76.362 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion:172 Resp: 817268

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.4	20.2	30.2

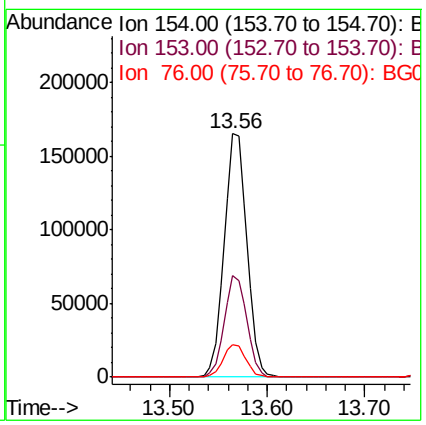


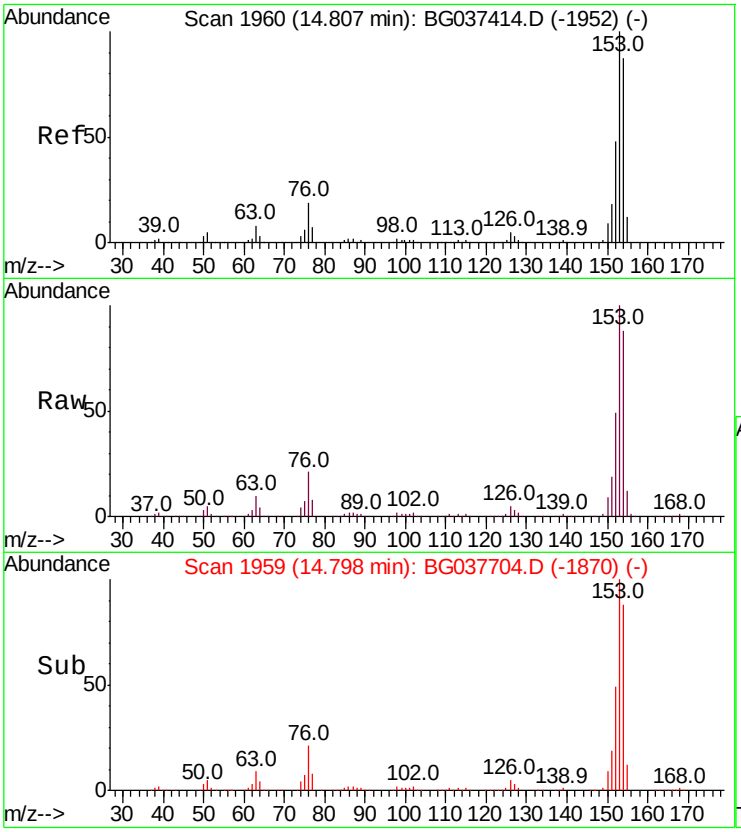


#46
1,1'-Biphenyl
Concen: 19.949 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:154 Resp: 266633

Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.1	62.1
76	13.2	0.0	33.2



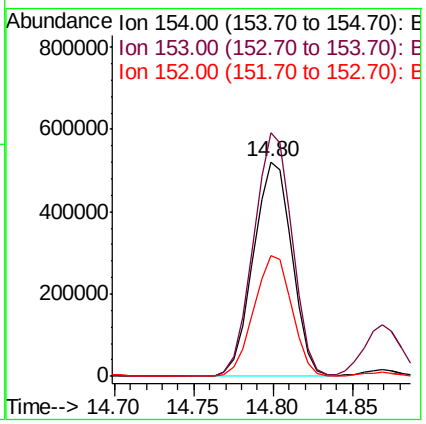


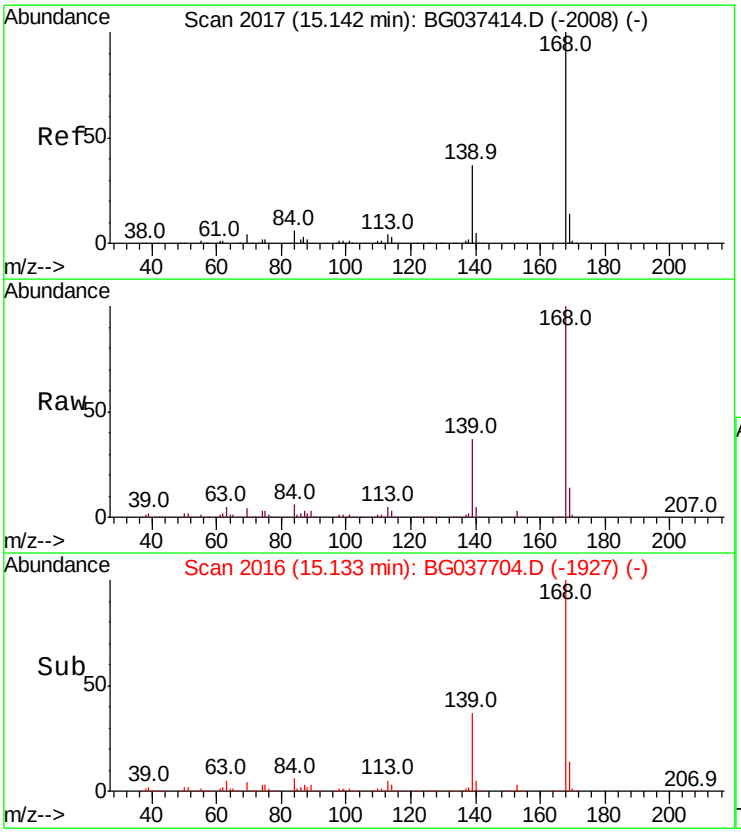
#52
Acenaphthene
Concen: 93.946 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion:154 Resp: 880074

Ion	Ratio	Lower	Upper
154	100		
153	113.6	93.4	140.0
152	56.1	44.7	67.1

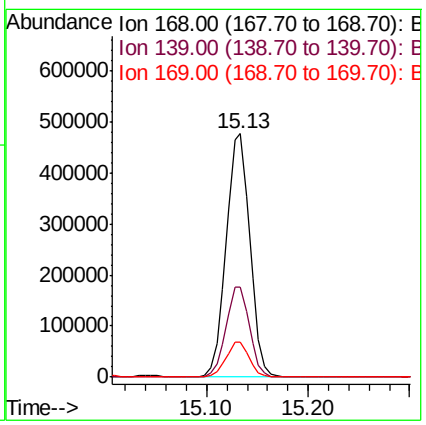


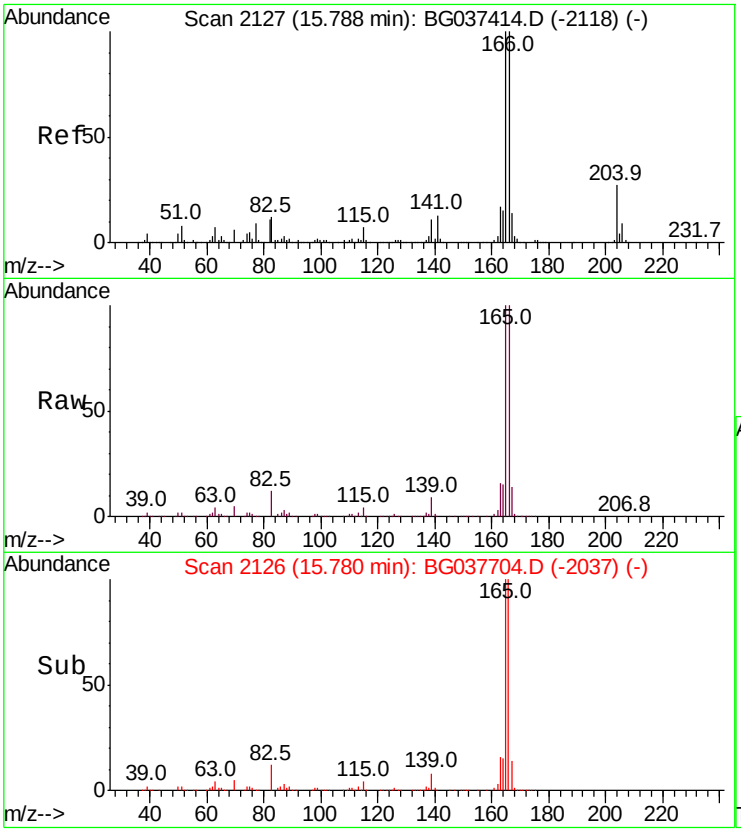


#55
Dibenzofuran
Concen: 49.891 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:168 Resp: 774354

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.4	44.0
169	14.1	11.0	16.6



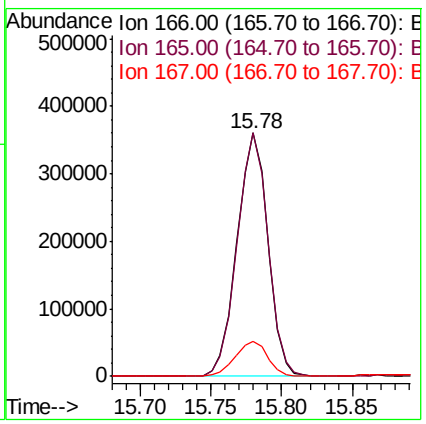


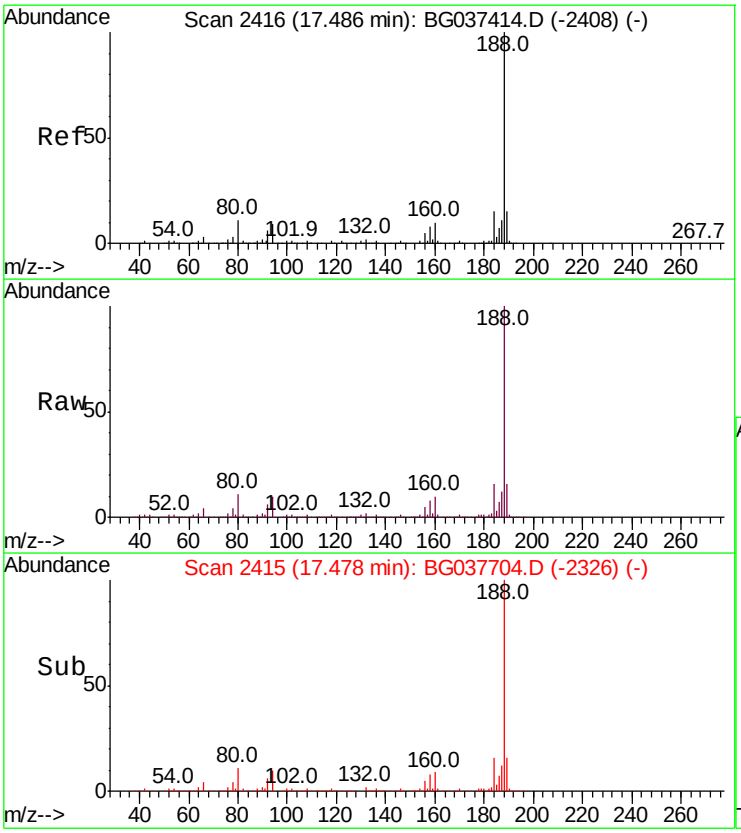
#58
Fluorene
Concen: 47.414 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion:166 Resp: 551089

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.6
167	14.3	11.3	16.9

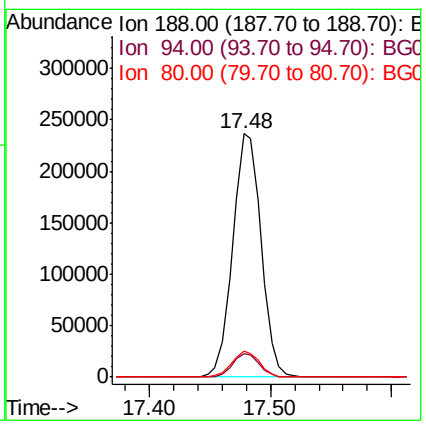


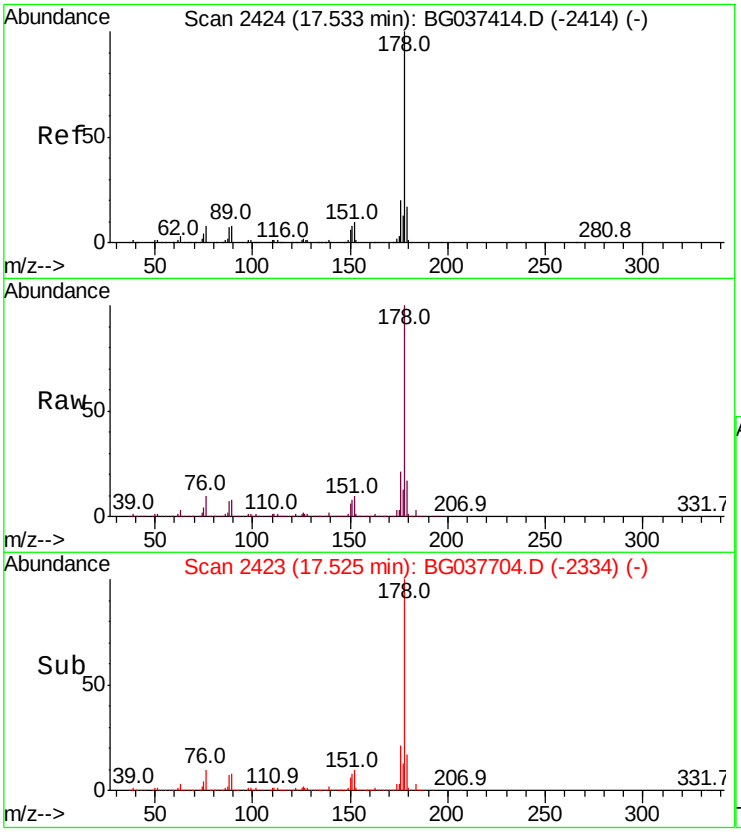


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:188 Resp: 387118

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.8	7.7	11.5



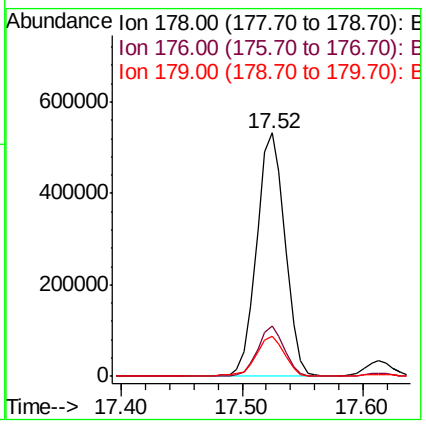


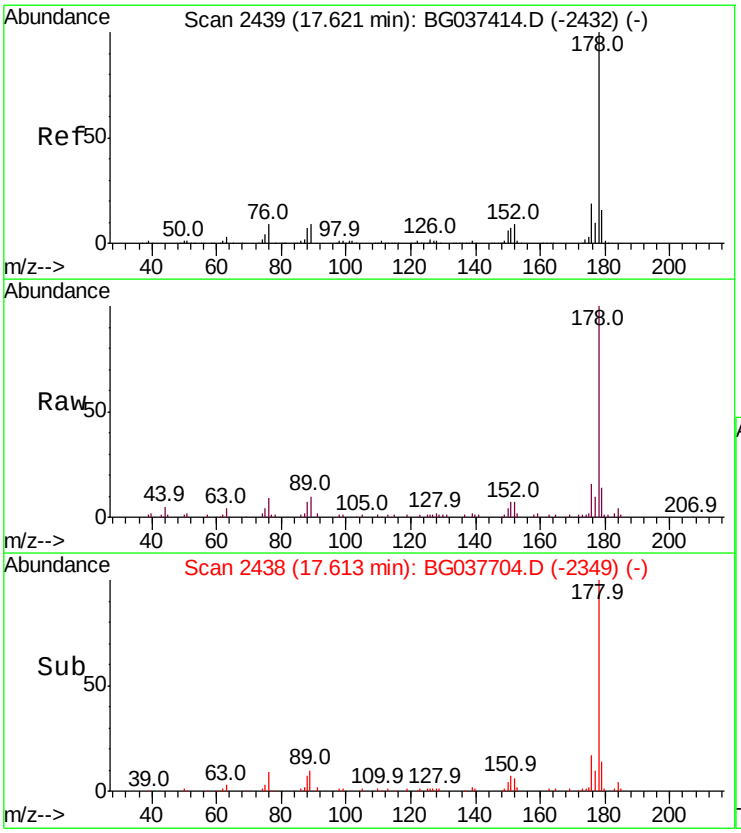
#71
Phenanthrene
Concen: 44.103 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion:178 Resp: 867713

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.1	24.1
179	16.7	13.0	19.4

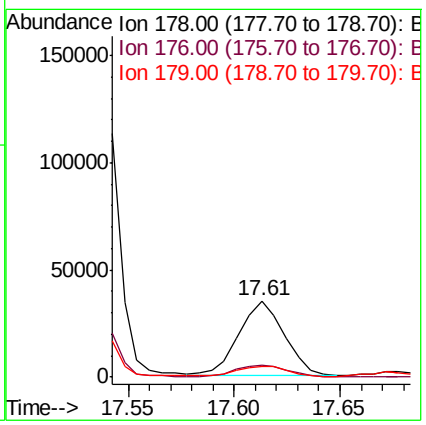


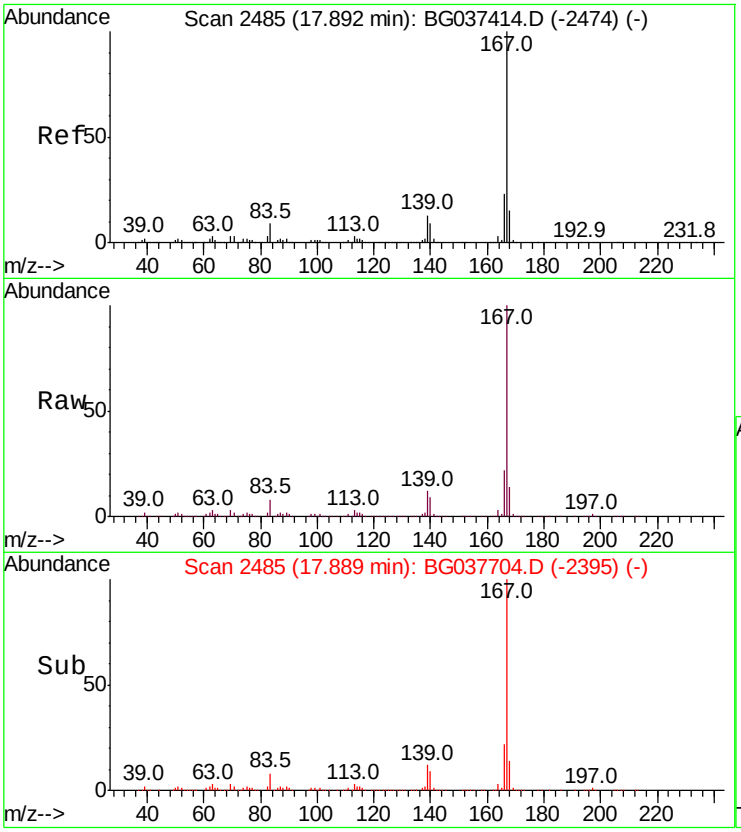


#72
Anthracene
Concen: 2.695 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:178 Resp: 52025

Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.0	22.4
179	14.4	12.8	19.2



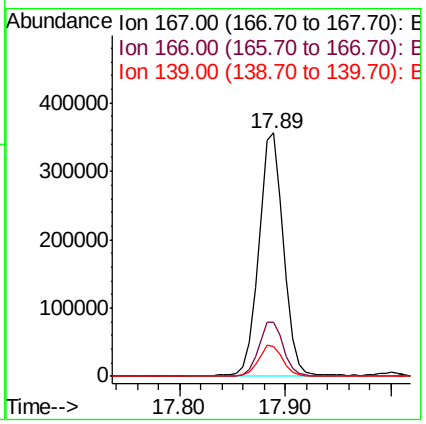


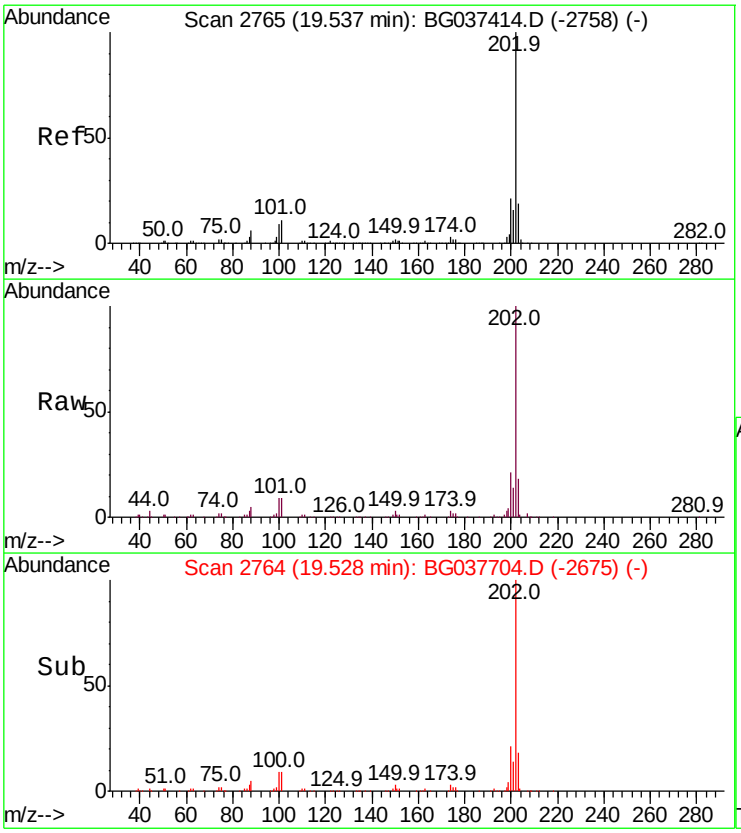
#73
Carbazole
Concen: 30.128 ng
RT: 17.89 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion:167 Resp: 581875

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.3	27.5
139	12.2	10.5	15.7

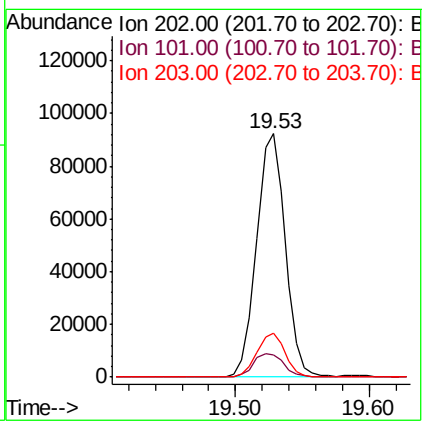


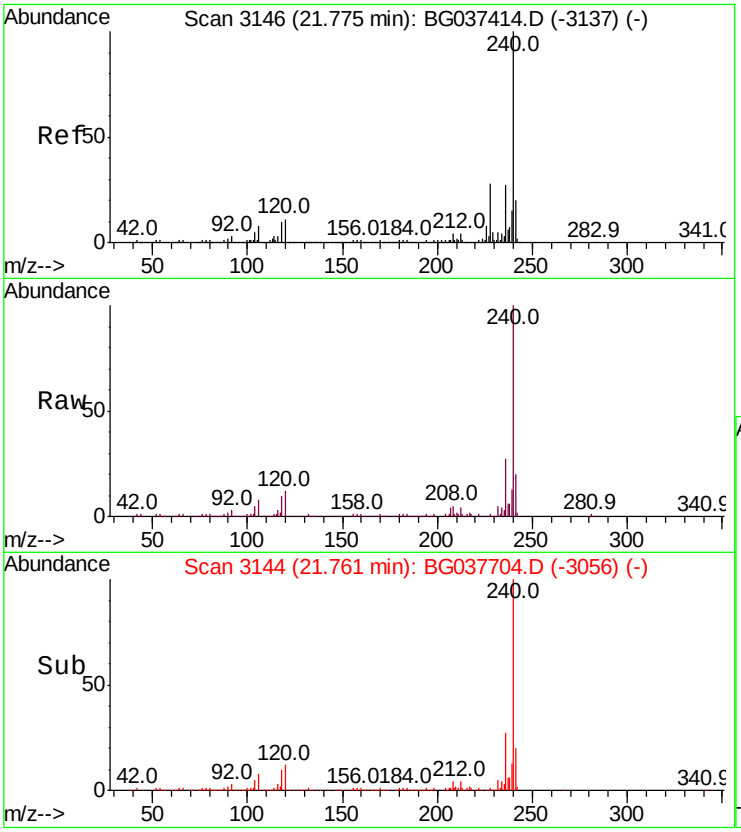


#75
Fluoranthene
Concen: 6.130 ng
RT: 19.53 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:202 Resp: 136789

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.7
203	17.8	0.0	38.5



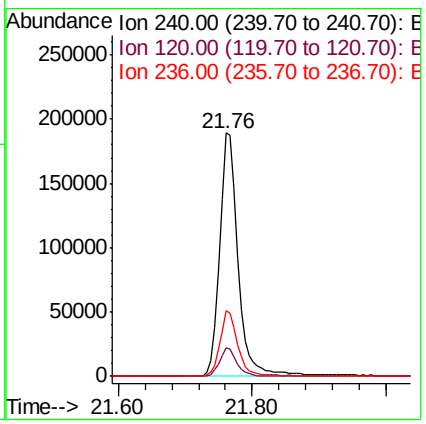


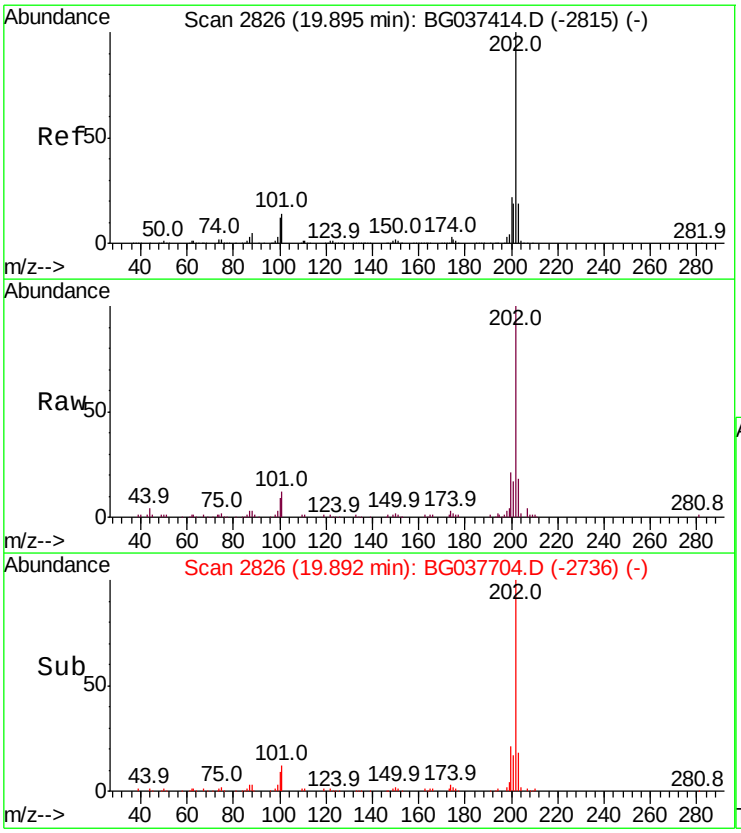
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion:240 Resp: 370002

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.1	12.1
236	26.9	21.4	32.0

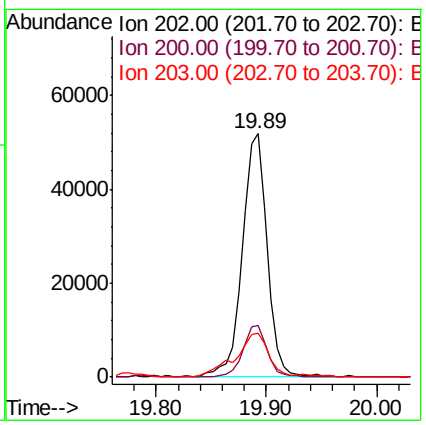


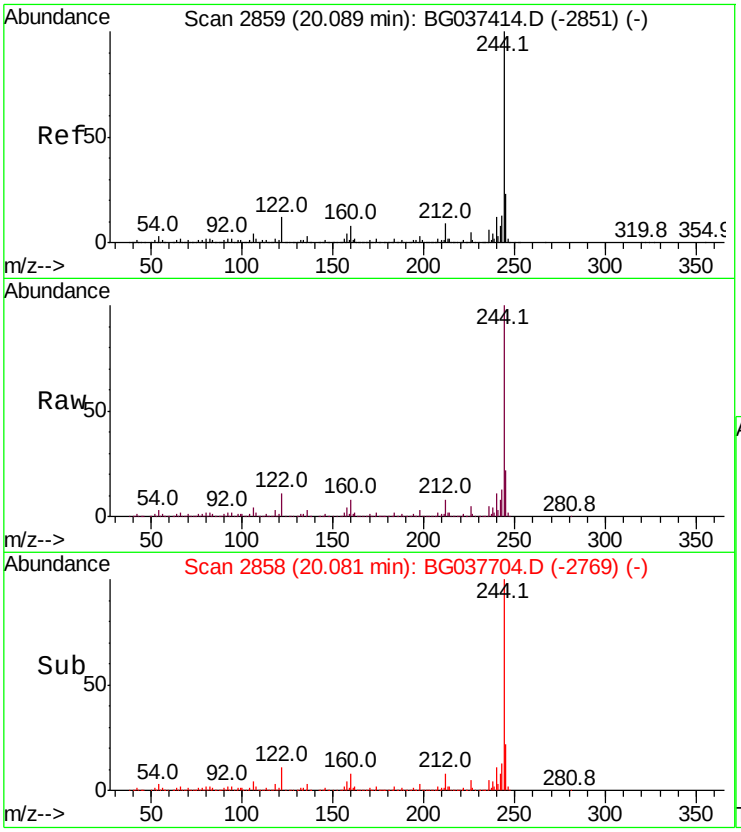


#78
Pyrene
Concen: 3.407 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:202 Resp: 82405

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	18.3	15.2	22.8



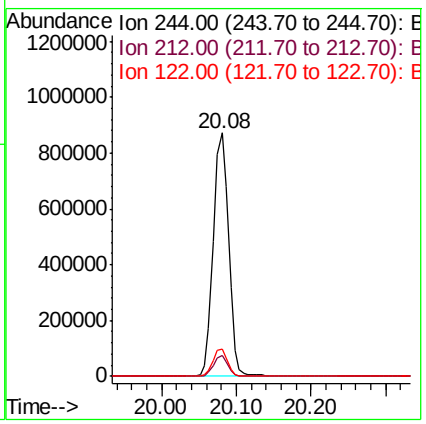


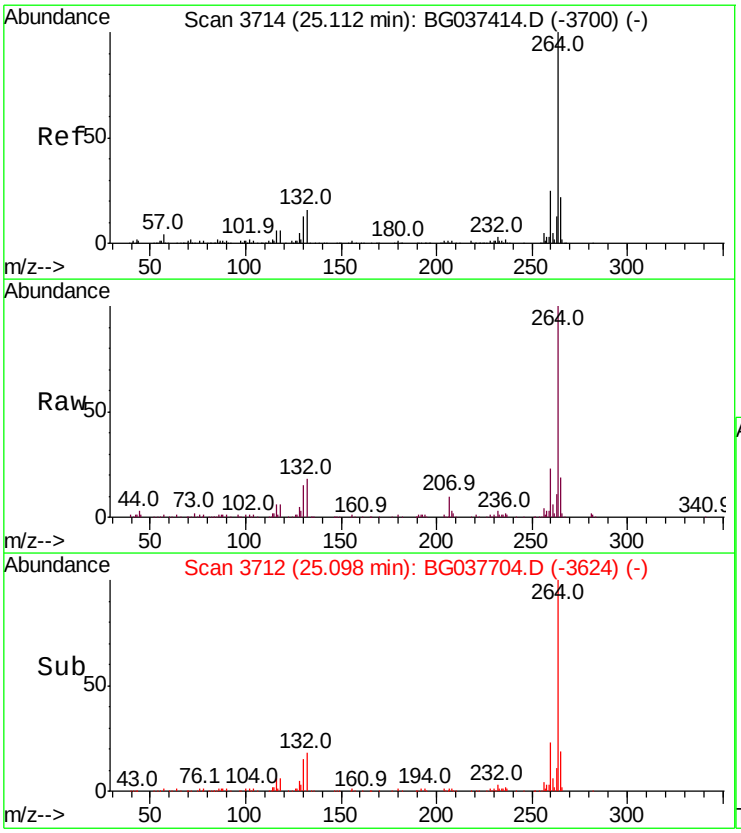
#79
Terphenyl-d14
Concen: 72.352 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tgt Ion:244 Resp: 1252847

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.2	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037704.D
Acq: 1 Nov 2018 5:25

Tgt Ion:264 Resp: 306708

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	19.1	17.9	26.9