Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111317\

Quantitation Report (Not Reviewed)

Data File : BG030978.D
Acq On : 13 Nov 2017 18:17
Operator : SJ/JU
Sample : I6301-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-110917-B

Quant Time: Nov 14 04:54:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42393	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	172209	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	112210	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	319083	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	474135	20.00	ng		-0.02
86) Perylene-d12	25.06	264	465244	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	333951	135.08	ng		0.00
7) Phenol-d6	7.31	99	372052	111.71	ng		0.00
23) Nitrobenzene-d5	9.31	82	286749	98.67	ng		-0.01
41) 2,4,6-Tribromophenol	16.24	330	325124	179.11	ng		-0.01
44) 2-Fluorobiphenyl	13.39	172	821685	105.22	ng		-0.01
78) Terphenyl-d14	20.09	244	1923075	89.56	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.01	128	42769	5.05	ng		97
32) Benzoic acid	10.24	122	1608	6.40	ng	#	83
51) Acenaphthene	14.83	154	16991	2.48	ng		91
54) Dibenzofuran	15.16	168	22098	2.02	ng		91
55) 4-Nitrophenol	15.16	139	7062	4.67	ng	#	1
57) Fluorene	15.81	166	18178	2.05	ng	#	99
70) Phenanthrene	17.54	178	45571	2.74	ng		98
71) Anthracene	17.54	178	45571	2.74	ng		97

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

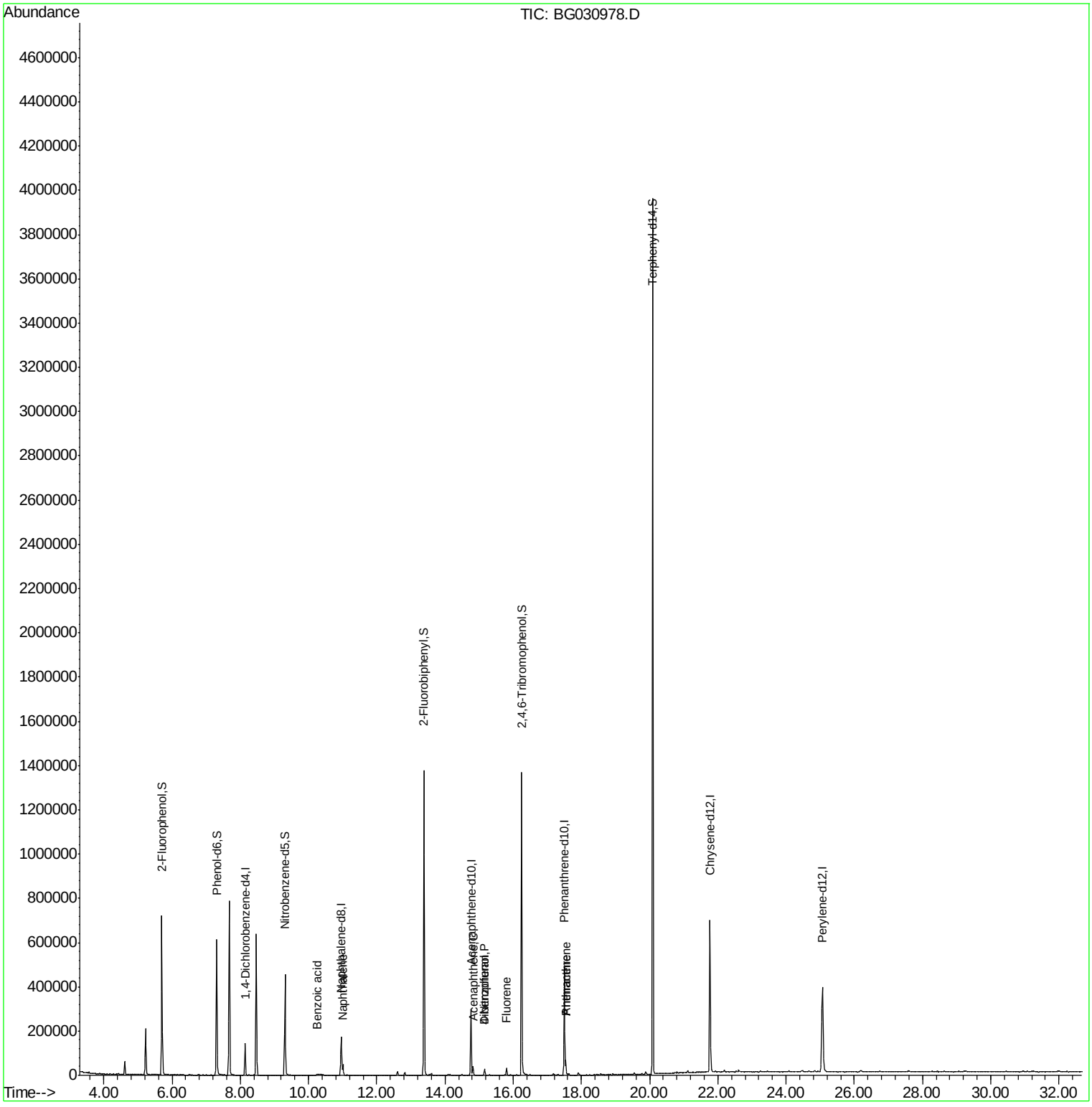
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111317\

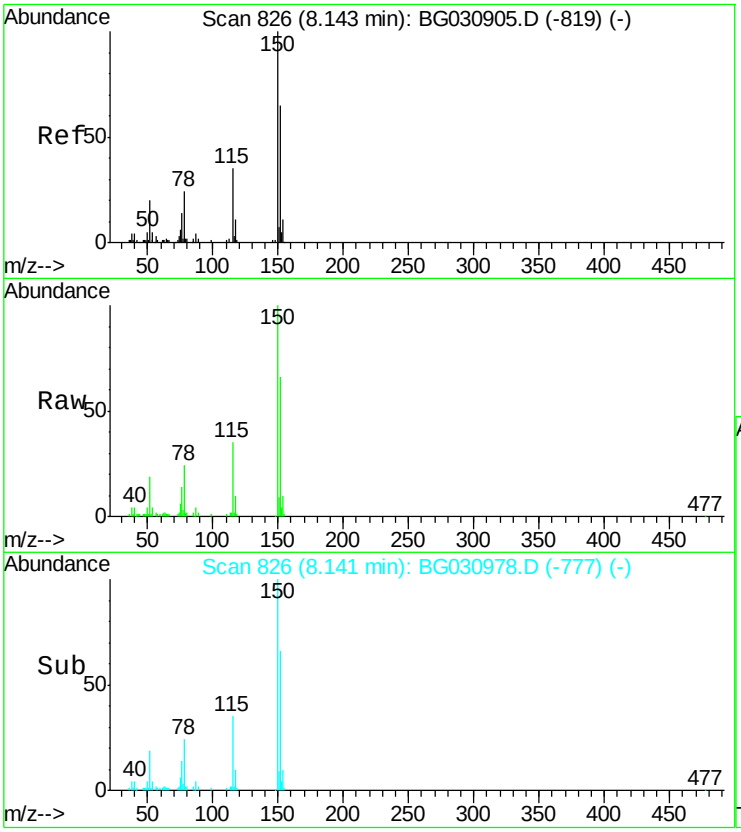
Quantitation Report (Not Reviewed)

Data File : BG030978.D
Acq On : 13 Nov 2017 18:17
Operator : SJ/JU
Sample : I6301-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-110917-B

Quant Time: Nov 14 04:54:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration



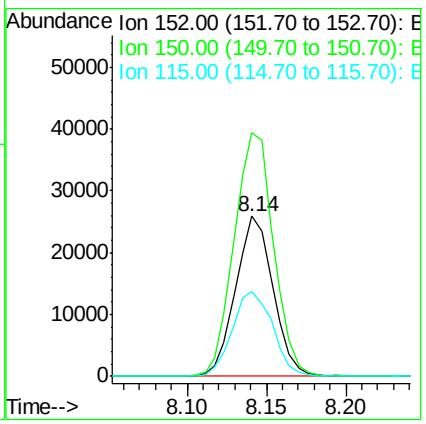


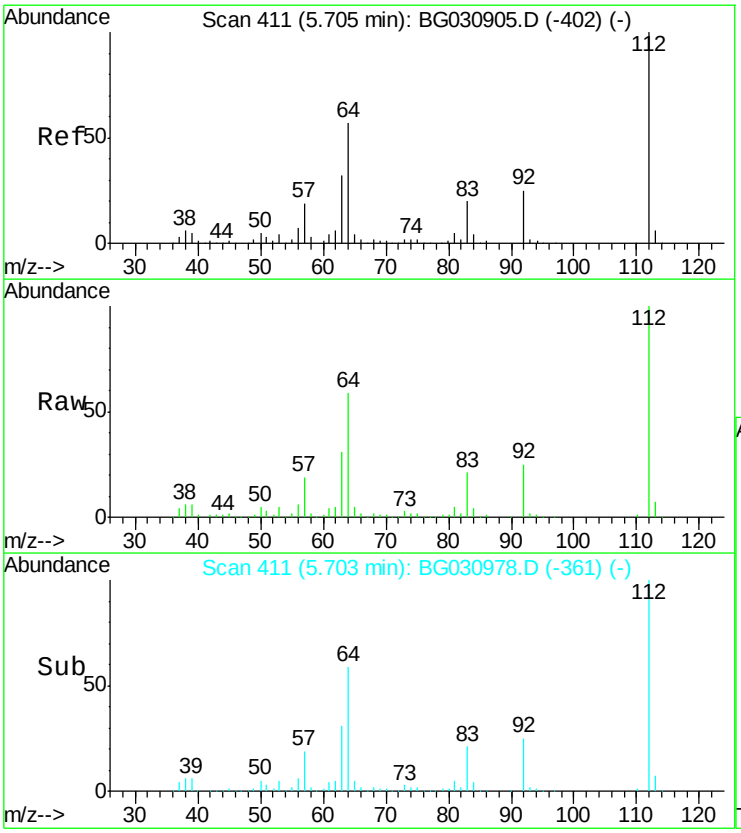
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tgt Ion:152 Resp: 42393

Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.6	189.8
115	53.0	53.0	79.4

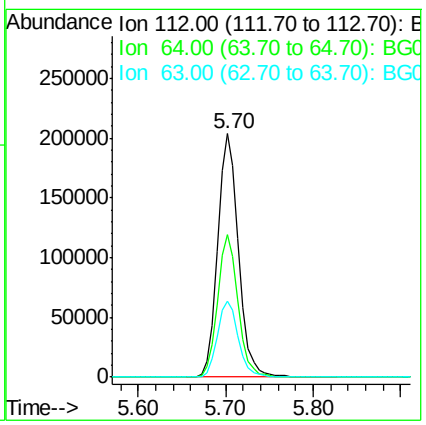


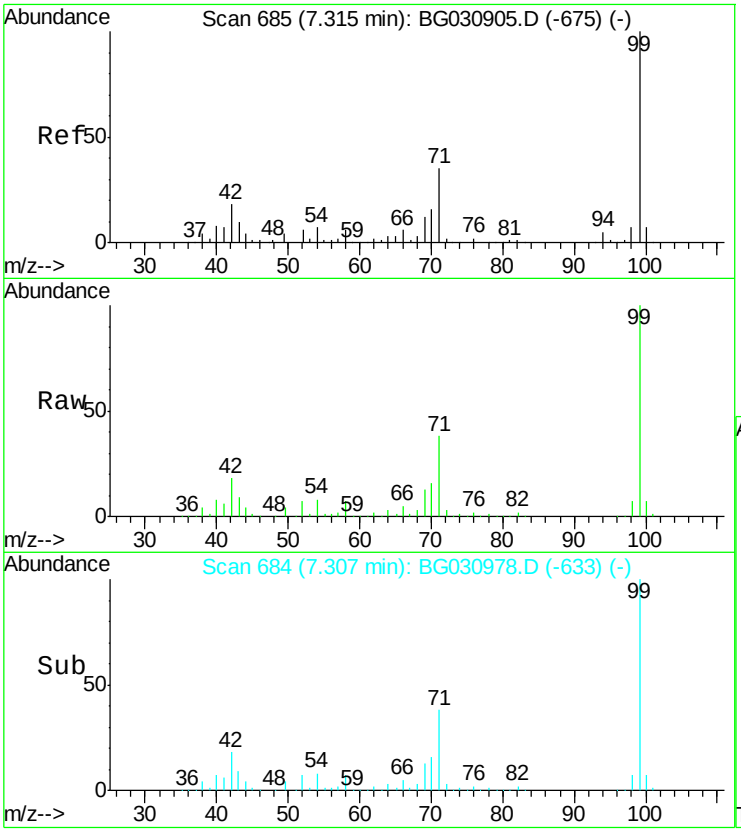


#5
2-Fluorophenol
Concen: 135.08 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:112 Resp: 333951

Ion	Ratio	Lower	Upper
112	100		
64	58.7	56.3	84.5
63	31.2	30.1	45.1



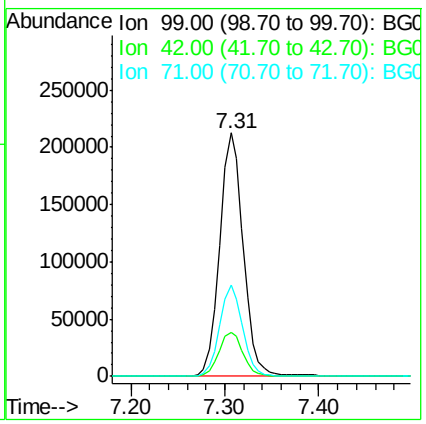


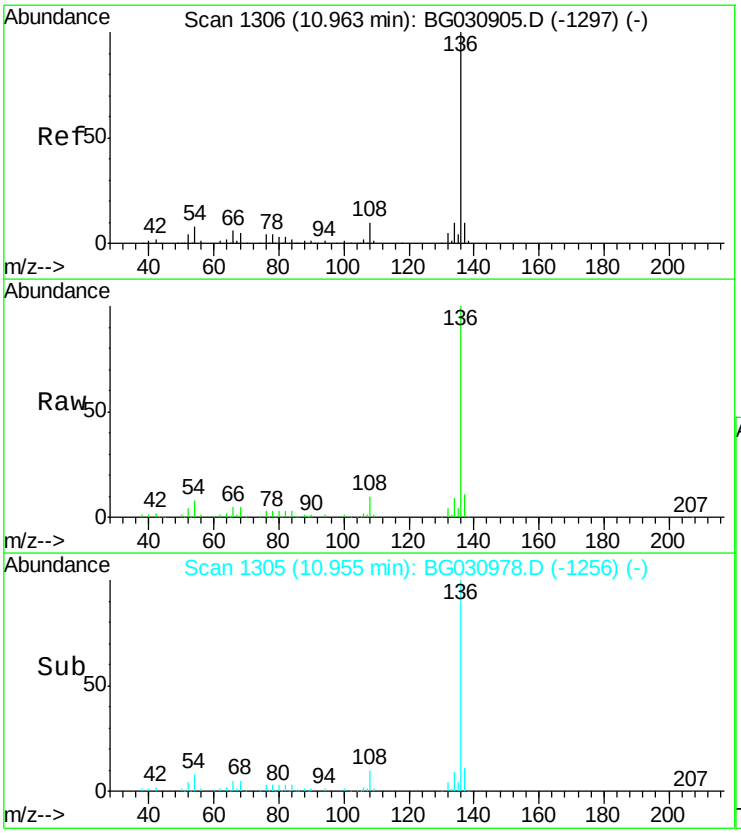
#7
Phenol-d6
Concen: 111.71 ng
RT: 7.31 min Scan# 684
Delta R.T. -0.00 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tgt Ion: 99 Resp: 372052

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.1	21.1
71	37.7	26.1	39.1

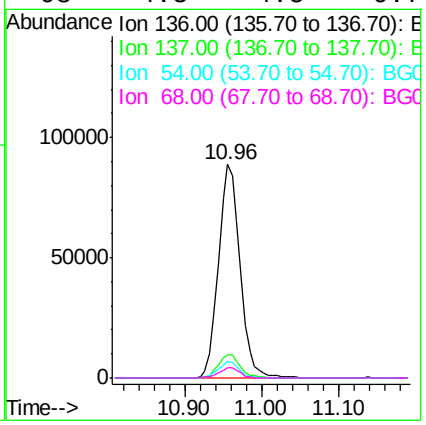


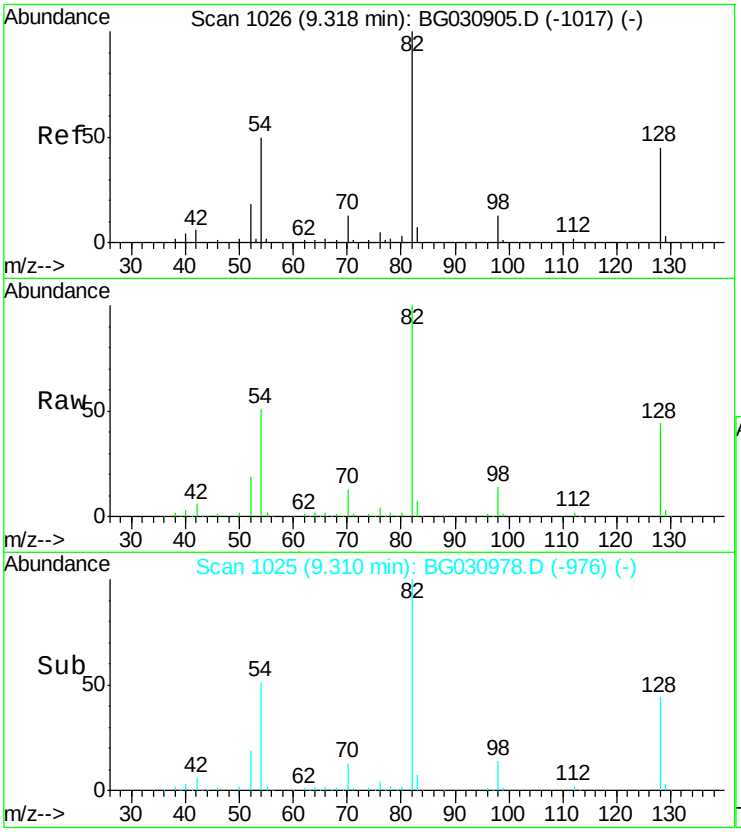


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:136 Resp: 172209

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.7	10.3	15.5#
68	4.5	4.5	6.7



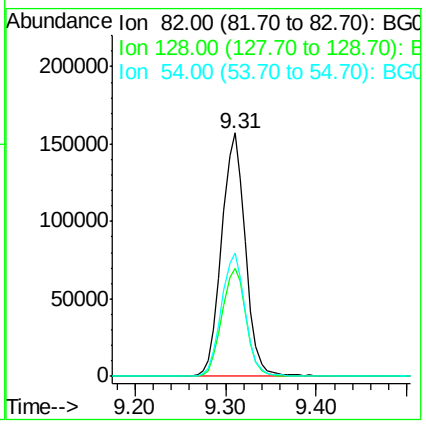


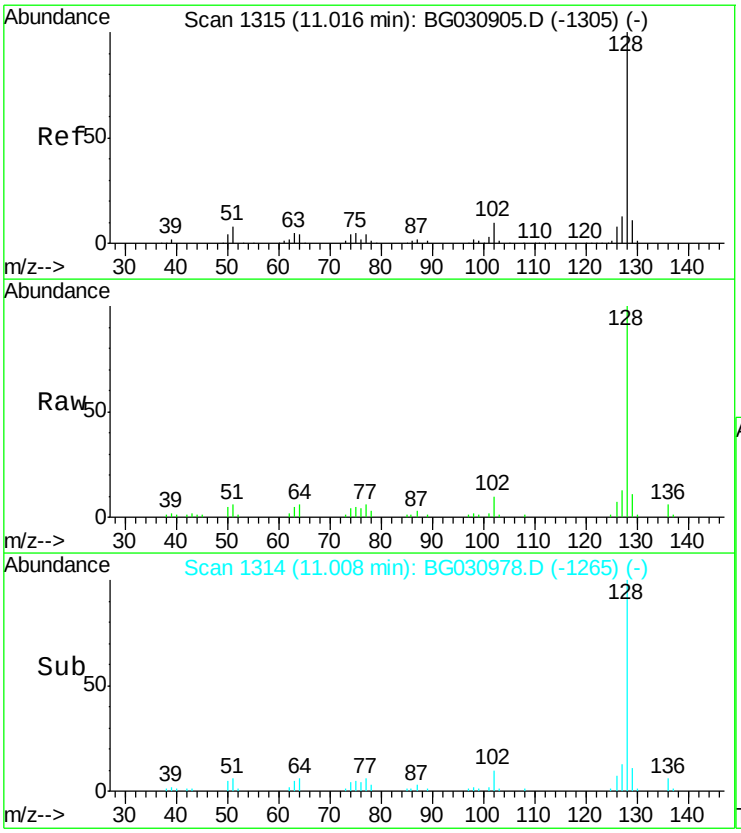
#23
Nitrobenzene-d5
Concen: 98.67 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tgt Ion: 82 Resp: 286749

Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	50.6	43.1	64.7

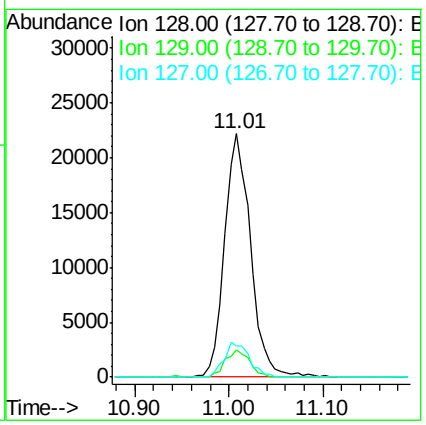


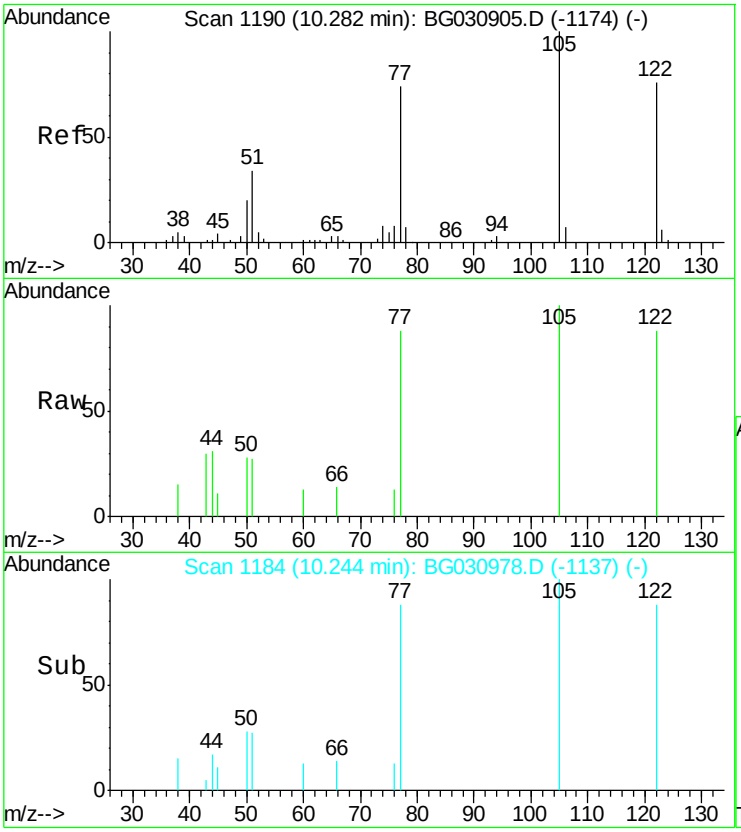


#31
Naphthalene
Concen: 5.05 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:128 Resp: 42769

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	12.9	11.6	17.4



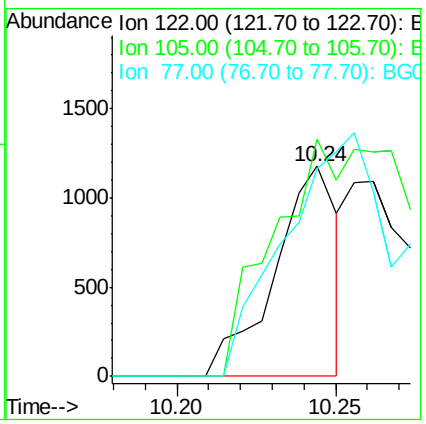


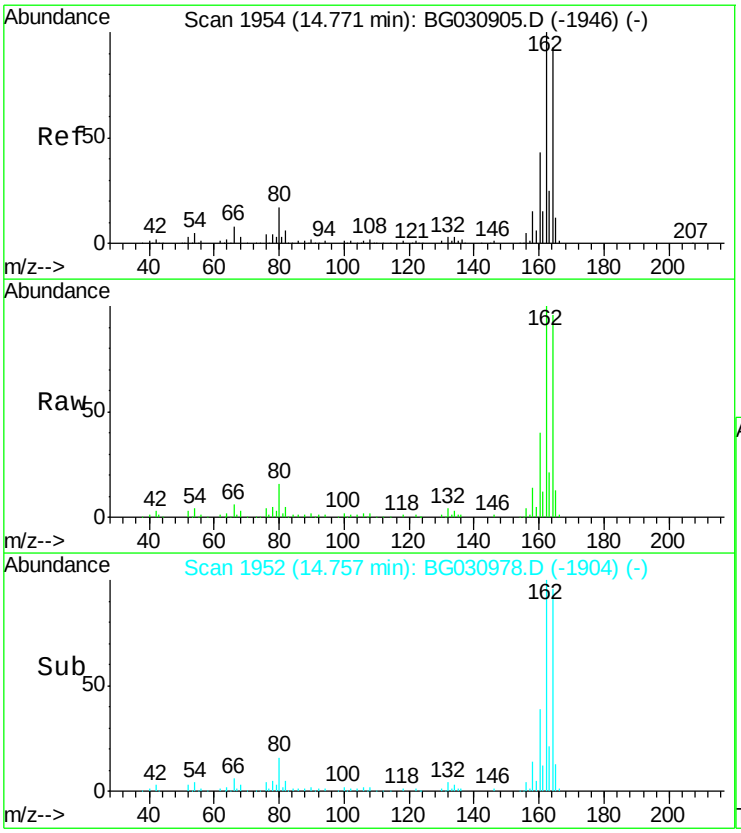
#32
Benzoic acid
Concen: 6.40 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tgt Ion:122 Resp: 1608

Ion	Ratio	Lower	Upper
122	100		
105	113.3	123.5	163.5#
77	99.1	85.7	125.7

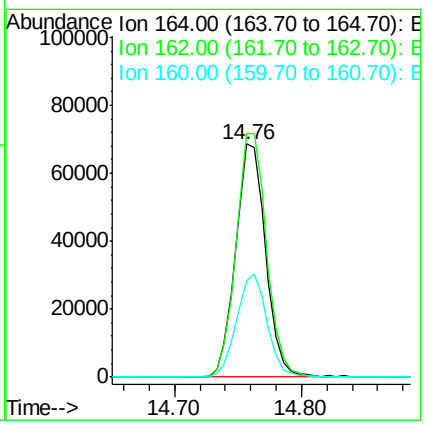


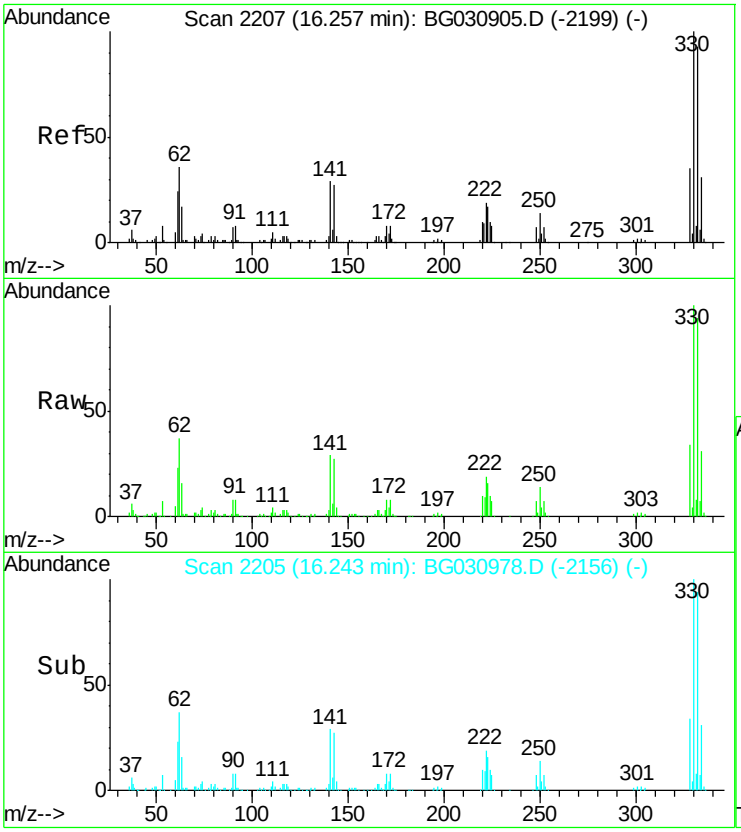


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:164 Resp: 112210

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	41.3	35.4	53.0



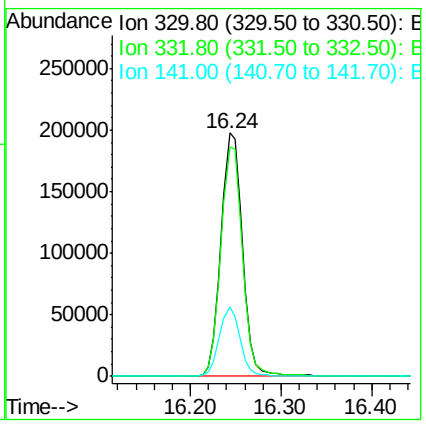


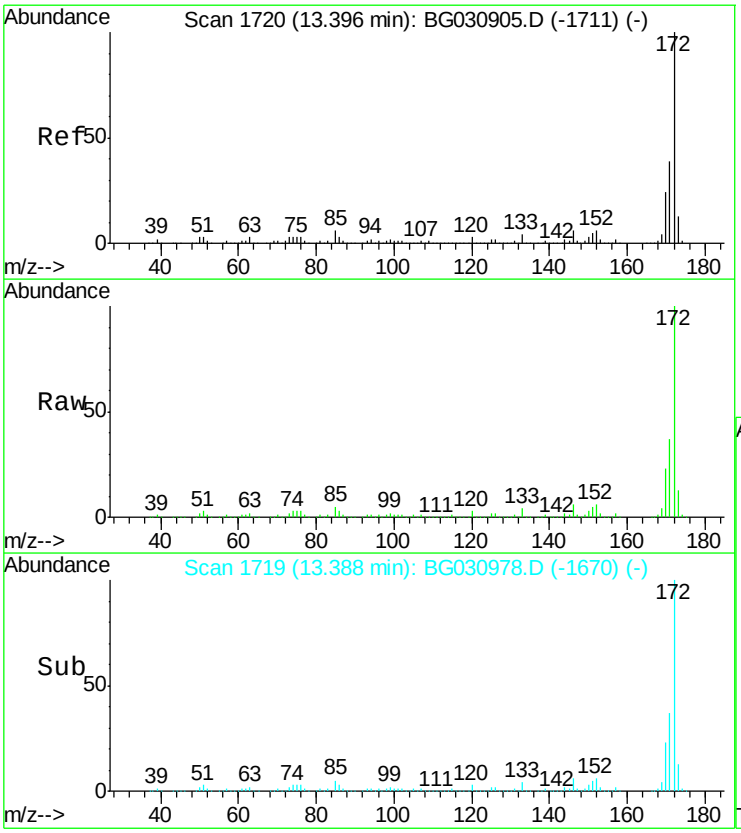
#41
2,4,6-Tribromophenol
Concen: 179.11 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tgt Ion:330 Resp: 325124

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	27.6	25.2	37.8

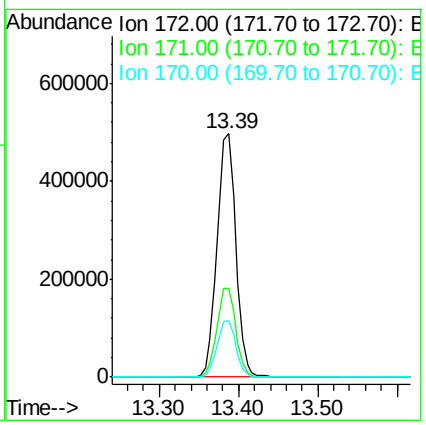


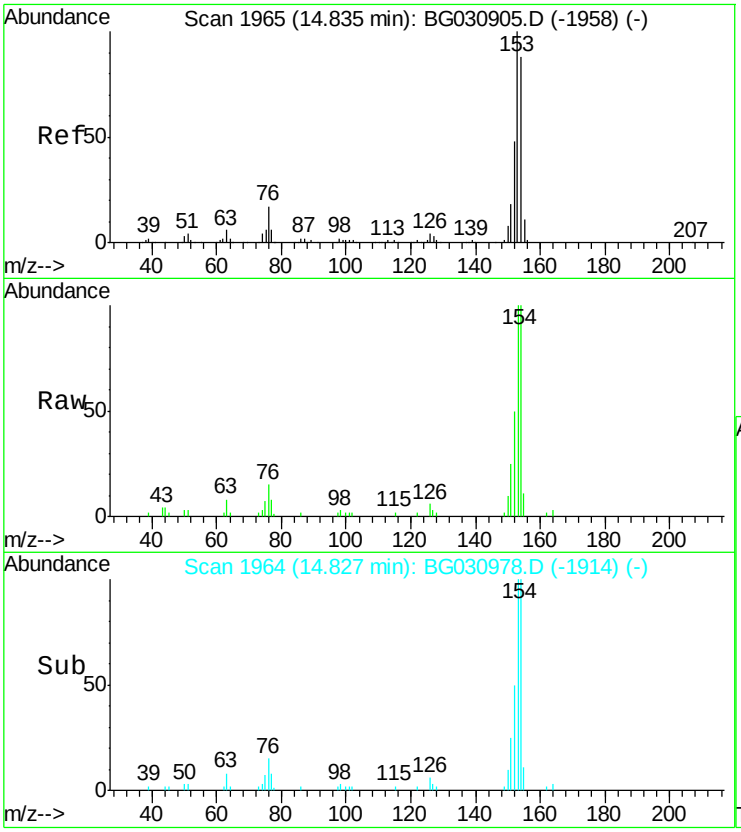


#44
2-Fluorobiphenyl
Concen: 105.22 ng
RT: 13.39 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:172 Resp: 821685

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	23.4	19.5	29.3



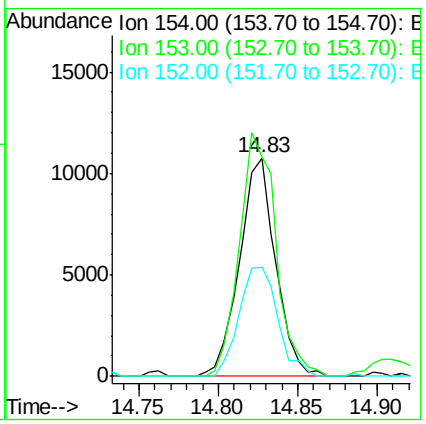


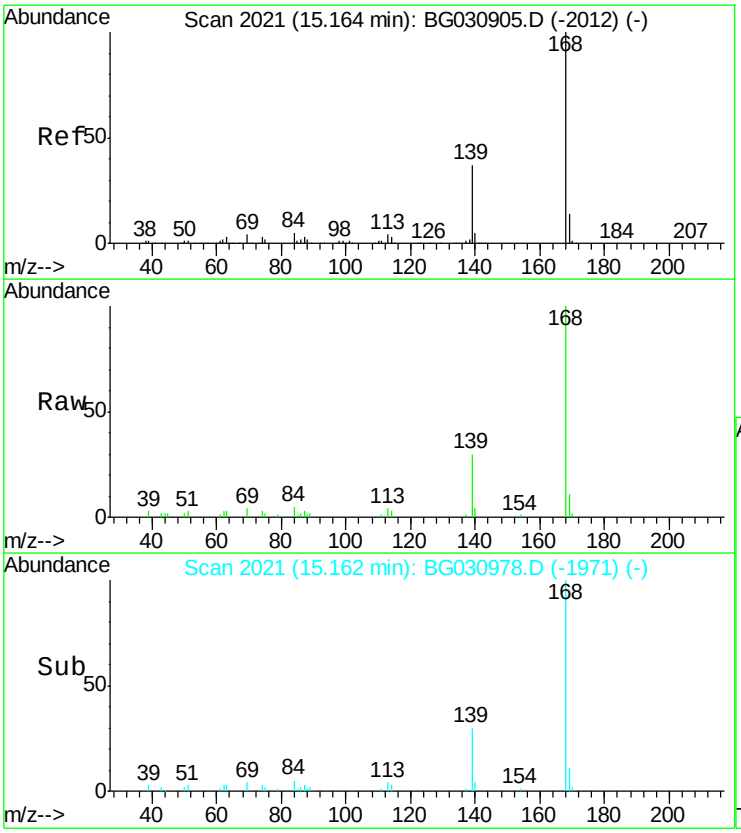
#51
Acenaphthene
Concen: 2.48 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tgt Ion:154 Resp: 16991

Ion	Ratio	Lower	Upper
154	100		
153	100.4	90.4	135.6
152	49.9	41.6	62.4

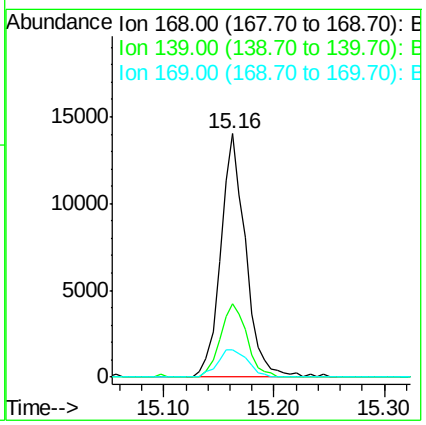


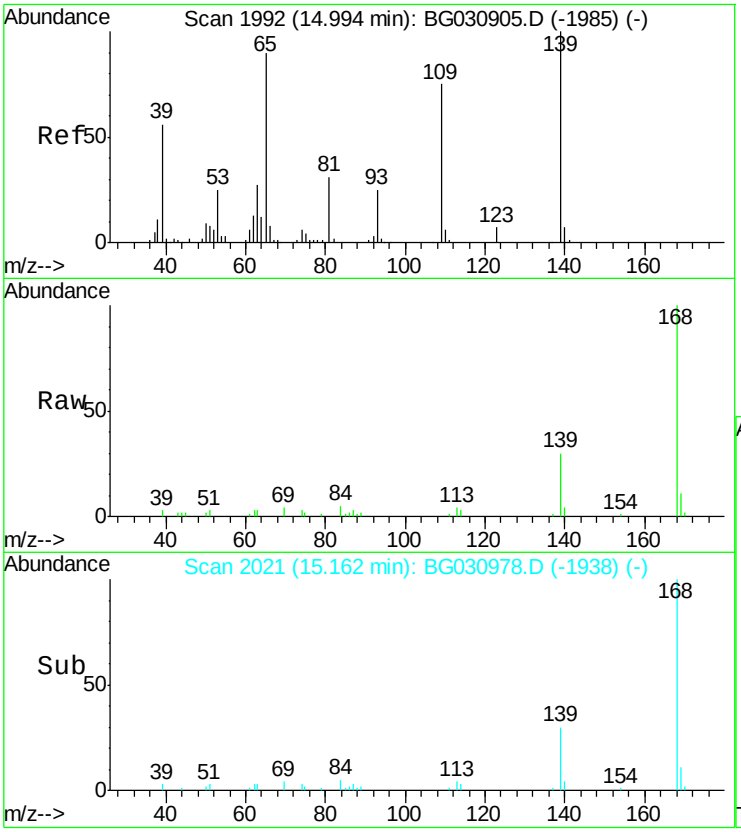


#54
Dibenzofuran
Concen: 2.02 ng
RT: 15.16 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:168 Resp: 22098

Ion	Ratio	Lower	Upper
168	100		
139	29.9	28.6	43.0
169	11.3	11.2	16.8



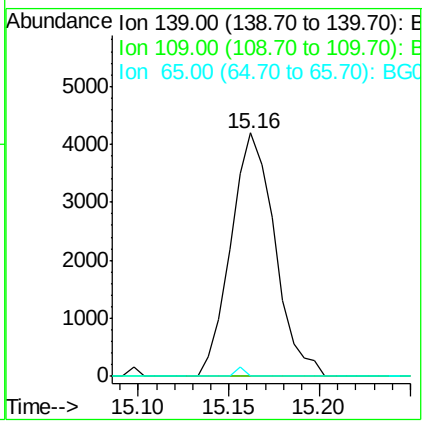


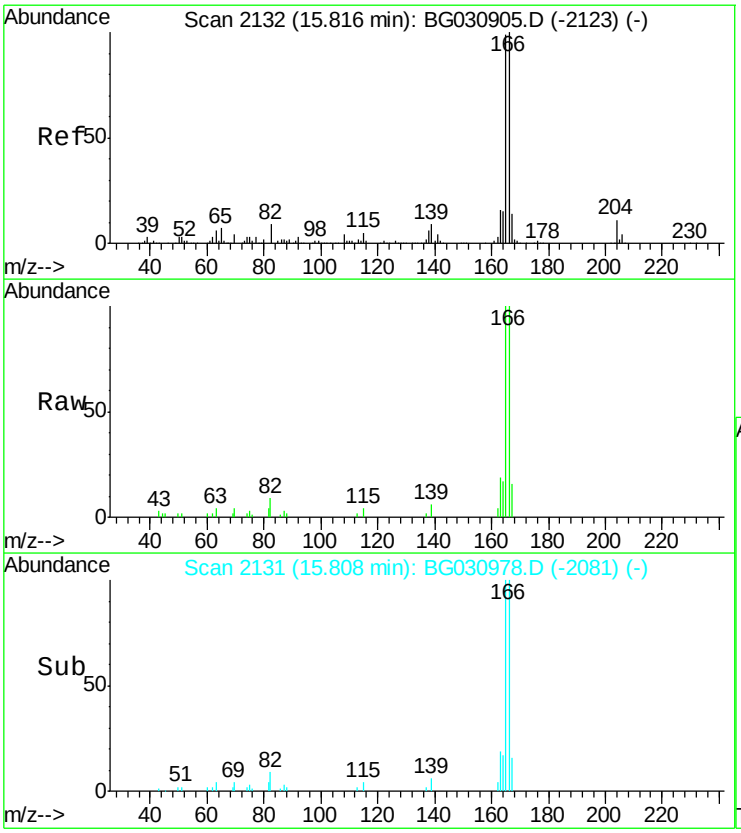
#55
4-Nitrophenol
Concen: 4.67 ng
RT: 15.16 min Scan# 2021
Delta R.T. 0.19 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tgt Ion:139 Resp: 7062

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

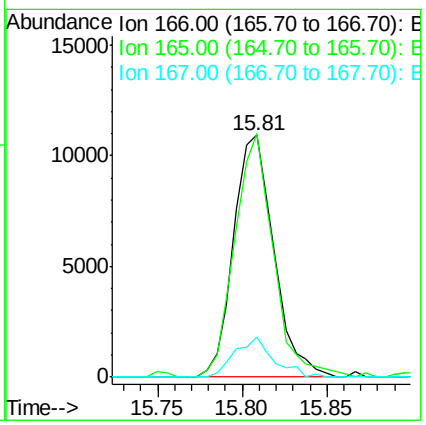


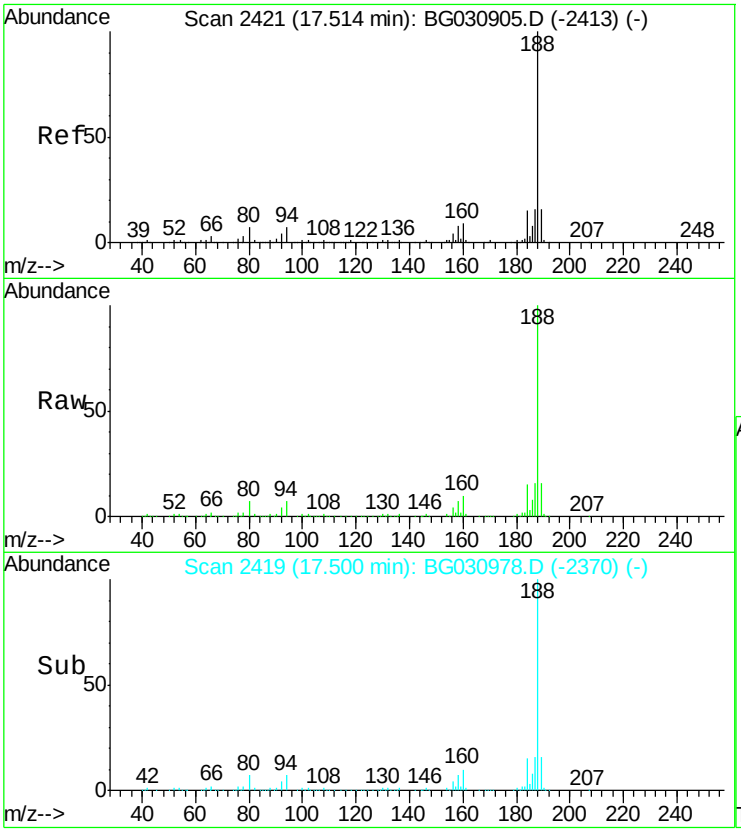


#57
Fluorene
Concen: 2.05 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:166 Resp: 18178

Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.6	121.0
167	16.5	10.4	15.6#



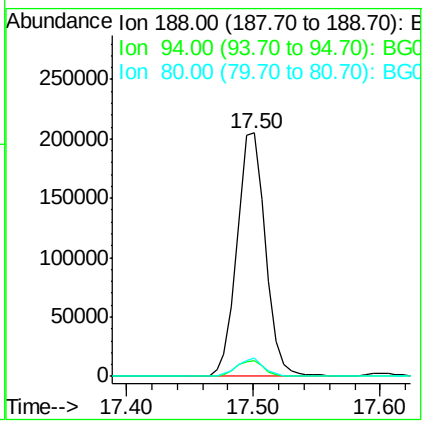


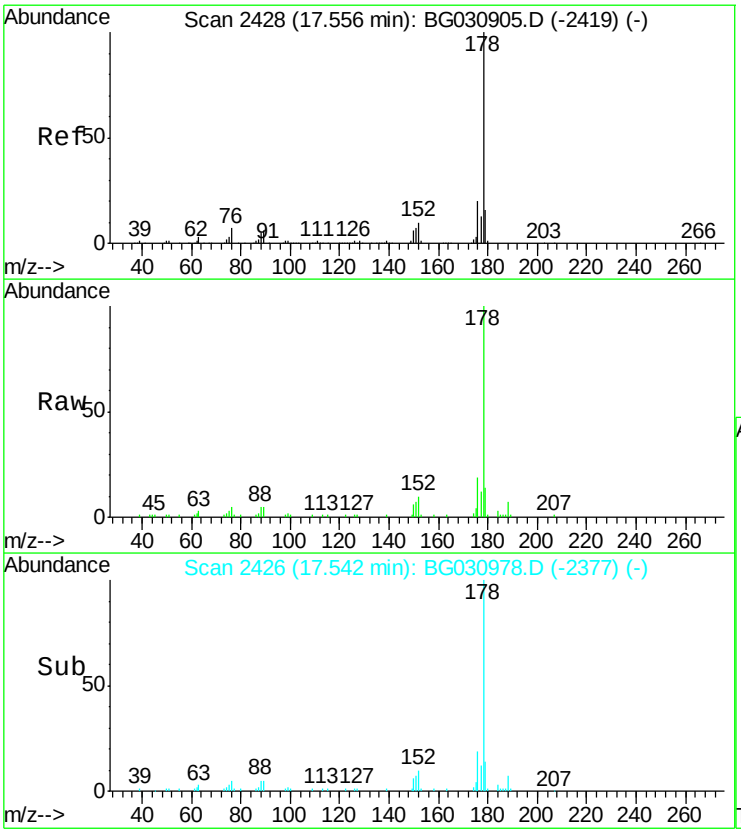
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tgt Ion:188 Resp: 319083

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.3	7.7	11.5#

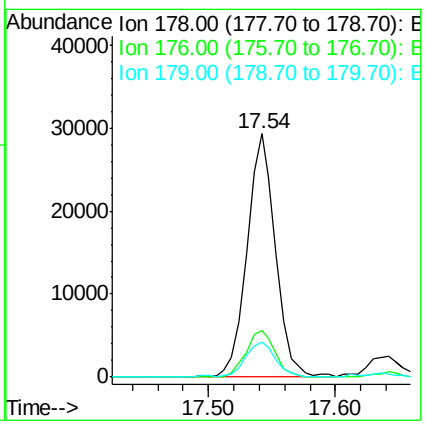


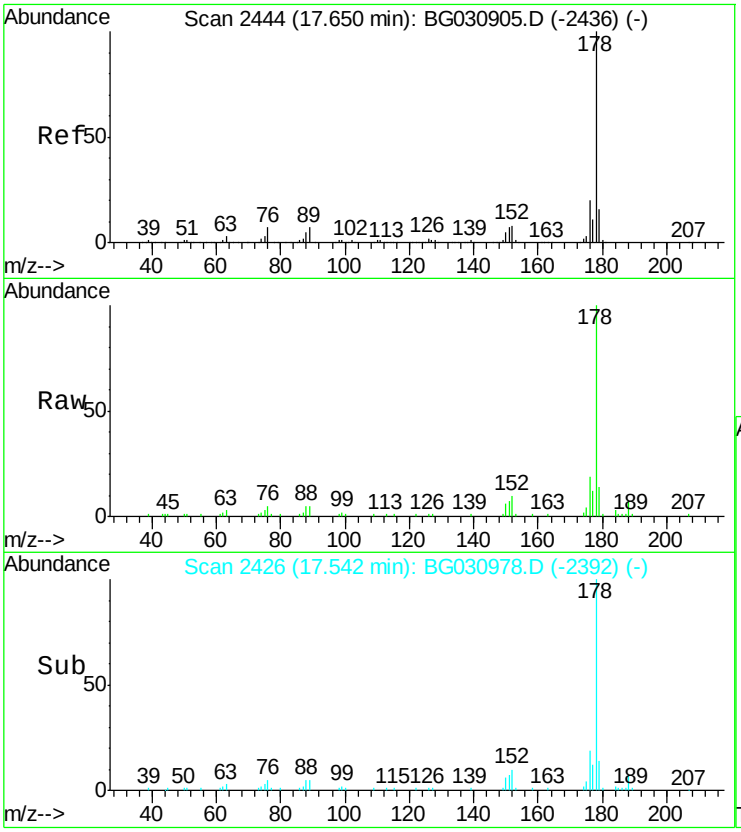


#70
Phenanthrene
Concen: 2.74 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:178 Resp: 45571

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	14.3	12.5	18.7



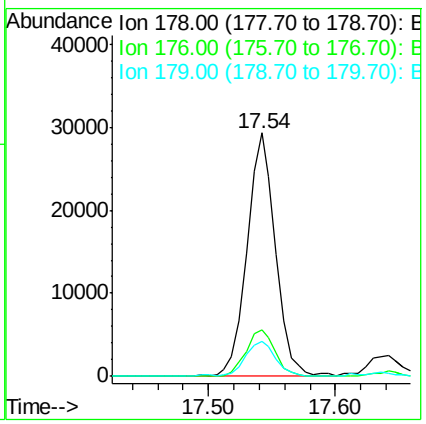


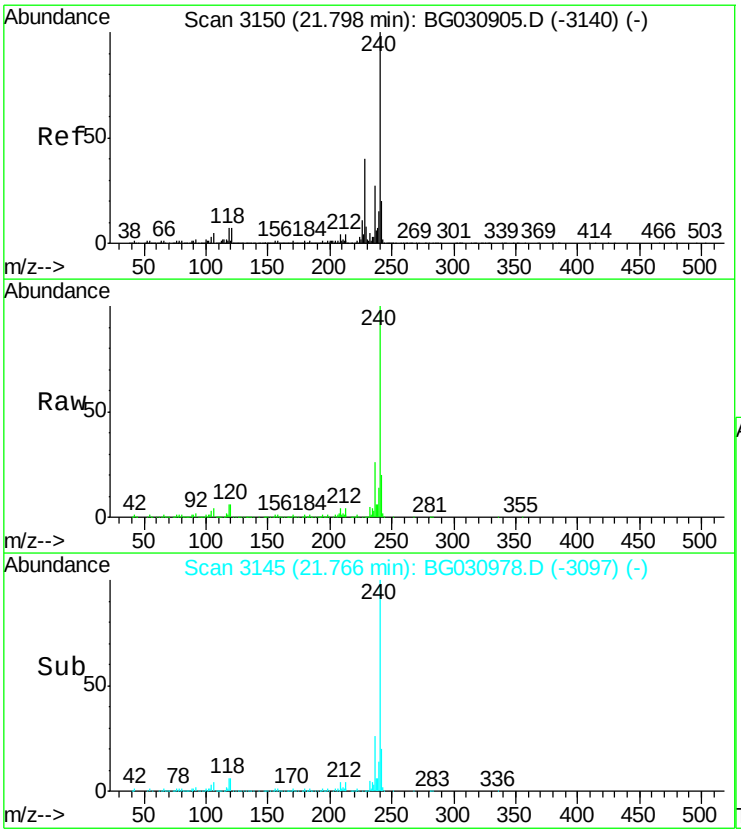
#71
Anthracene
Concen: 2.74 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.10 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tgt Ion:178 Resp: 45571

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	14.3	12.5	18.7

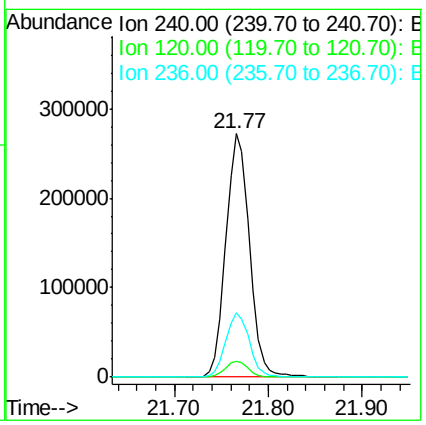


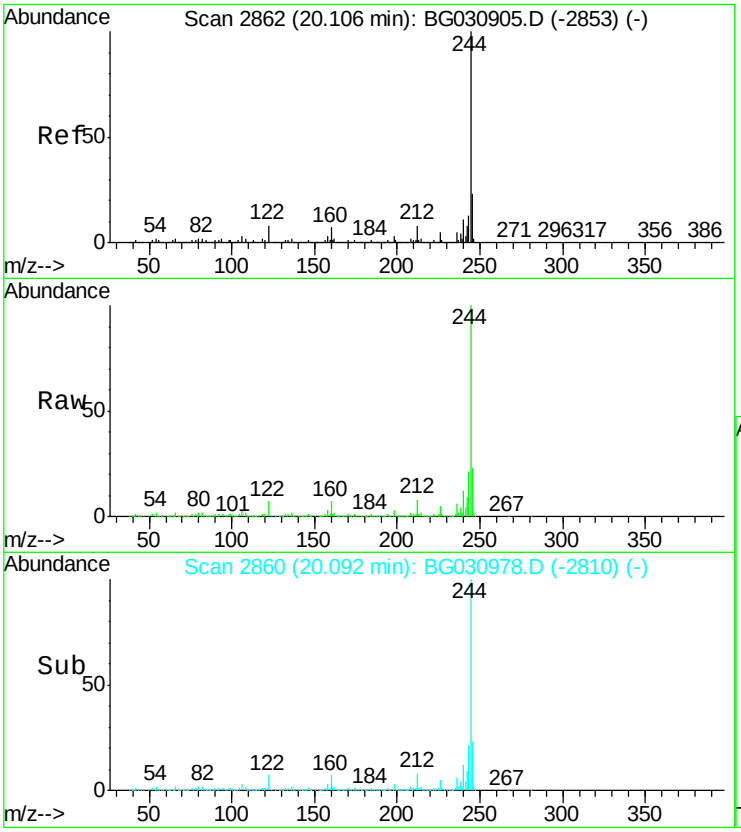


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:240 Resp: 474135

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	26.4	20.9	31.3



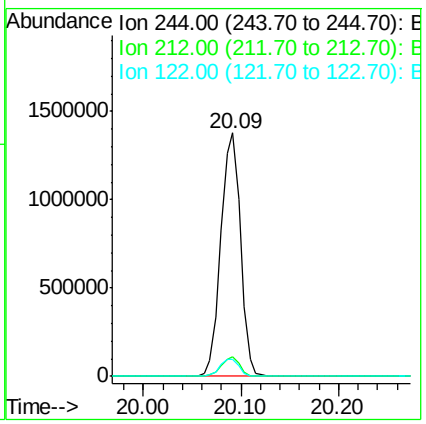


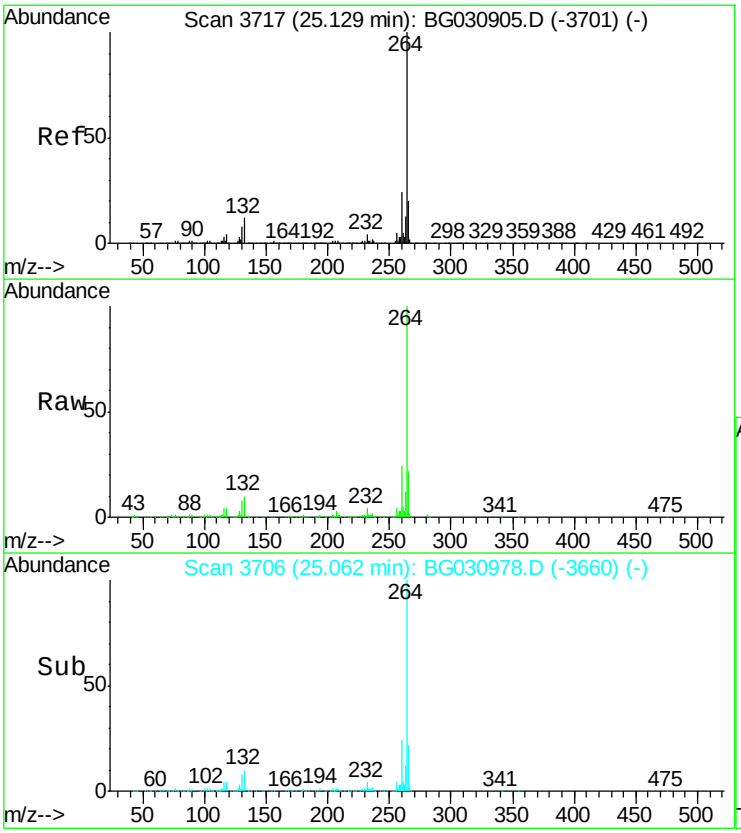
#78
Terphenyl-d14
Concen: 89.56 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tgt Ion:244 Resp: 1923075

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:264 Resp: 465244

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.4	17.7	26.5