Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029296.D
Acq On : 17 Oct 2017 7:21
Operator : SJ/JU
Sample : I5906-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WH-TWS-07

Quant Time: Oct 17 08:15:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70477	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	337438	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	209516	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	476508	20.00	ng		0.00
75) Chrysene-d12	21.80	240	524840	20.00	ng		0.00
86) Perylene-d12	25.10	264	544656	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	491257	116.45	ng		0.00
7) Phenol-d6	7.32	99	623944	105.37	ng		0.00
23) Nitrobenzene-d5	9.33	82	437412	82.37	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	338264	125.05	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1101540	77.11	ng		0.00
78) Terphenyl-d14	20.12	244	1686951	73.12	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.35	94	174811	27.382	ng		92
17) 2-Methylphenol	8.61	107	128917	30.398	ng		96
20) 3+4-Methylphenols	8.94	107	387358	64.823	ng		91
27) 2,4-Dimethylphenol	10.16	122	202130	39.151	ng		92
31) Naphthalene	11.04	128	2947705	175.279	ng	#	93
32) Benzoic acid	10.26	122	11612	2.686	ng	#	84
37) 2-Methylnaphthalene	12.63	142	256966	20.965	ng		95
45) 1,1'-Biphenyl	13.62	154	62020	3.444	ng		92
48) Acenaphthylene	14.51	152	133302	6.484	ng		98
49) Dimethylphthalate	14.23	163	50497	3.089	ng	#	96
51) Acenaphthene	14.85	154	120573	9.014	ng		98
54) Dibenzofuran	15.18	168	227870	11.934	ng		99
57) Fluorene	15.83	166	106442	6.748	ng		95
70) Phenanthrene	17.57	178	385012	15.640	ng		98
72) Carbazole	17.92	167	590073	24.851	ng		99
74) Fluoranthene	19.56	202	106522	3.700	ng		99
77) Pyrene	19.92	202	72169	2.267	ng		98

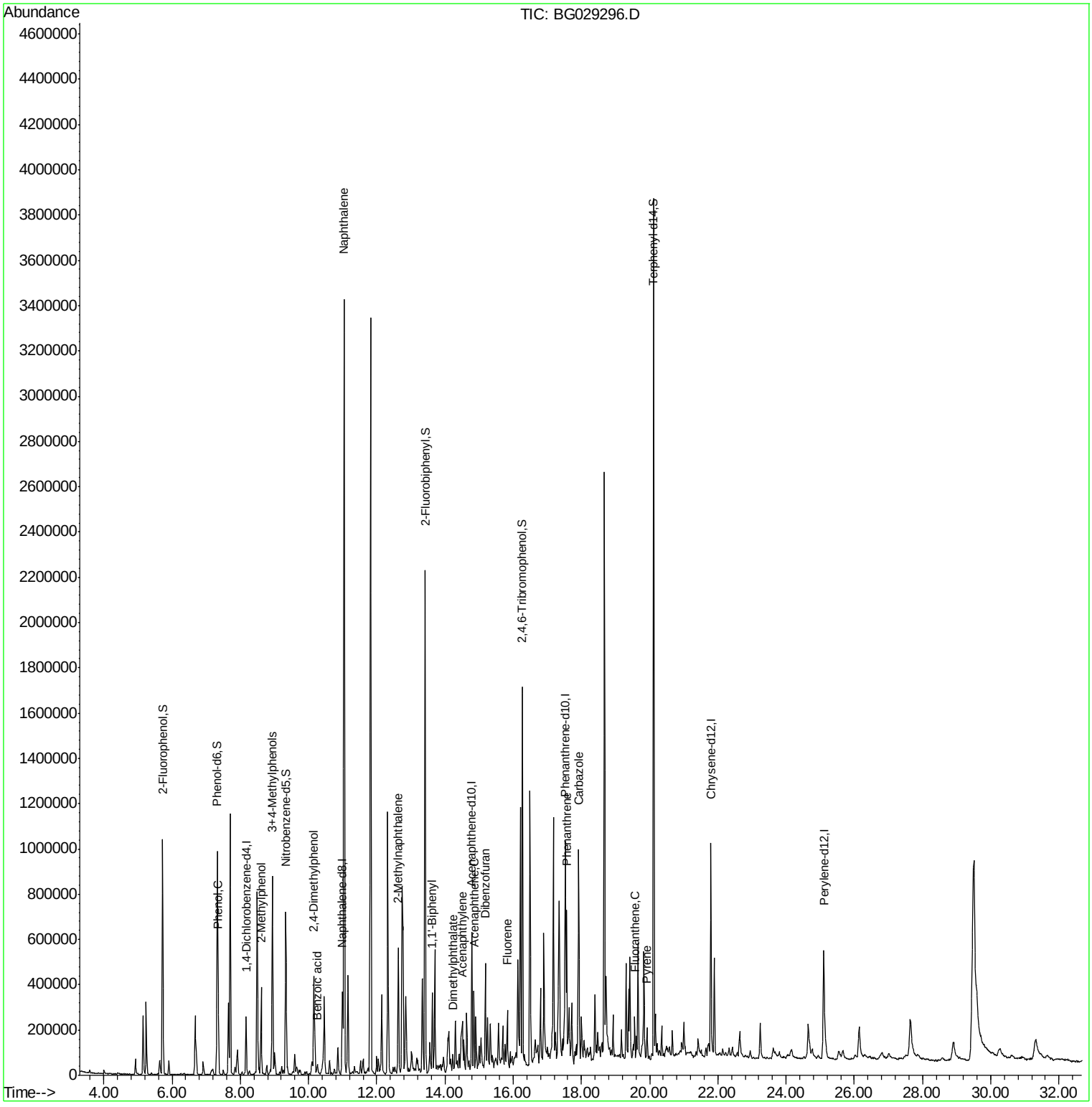
(#) = qualifier out of range (m) = manual integration (+) = signals summed

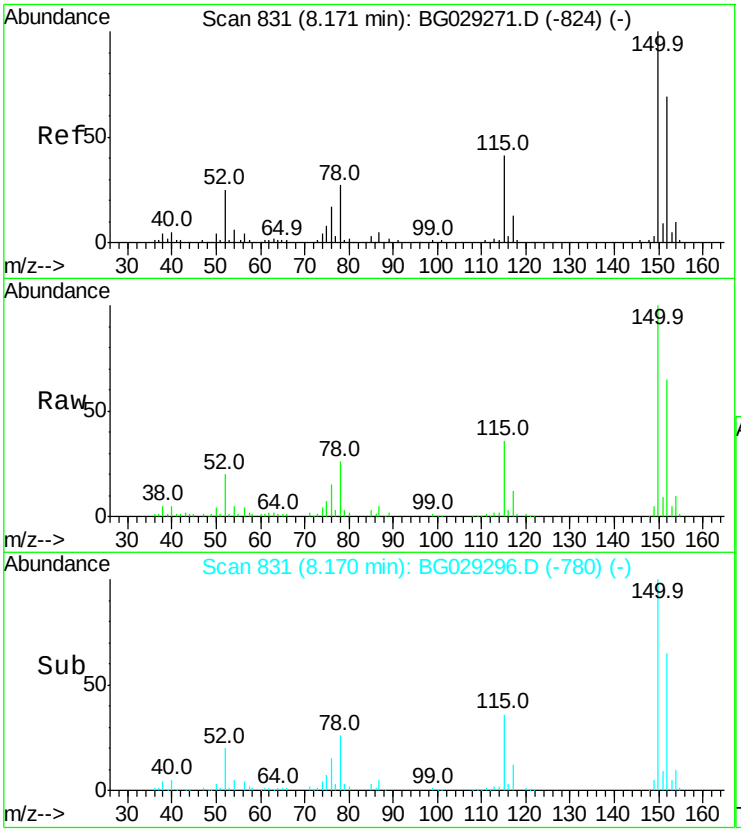
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029296.D
Acq On : 17 Oct 2017 7:21
Operator : SJ/JU
Sample : I5906-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Quant Time: Oct 17 08:15:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration



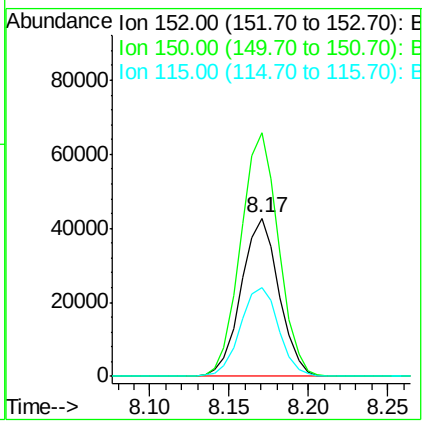


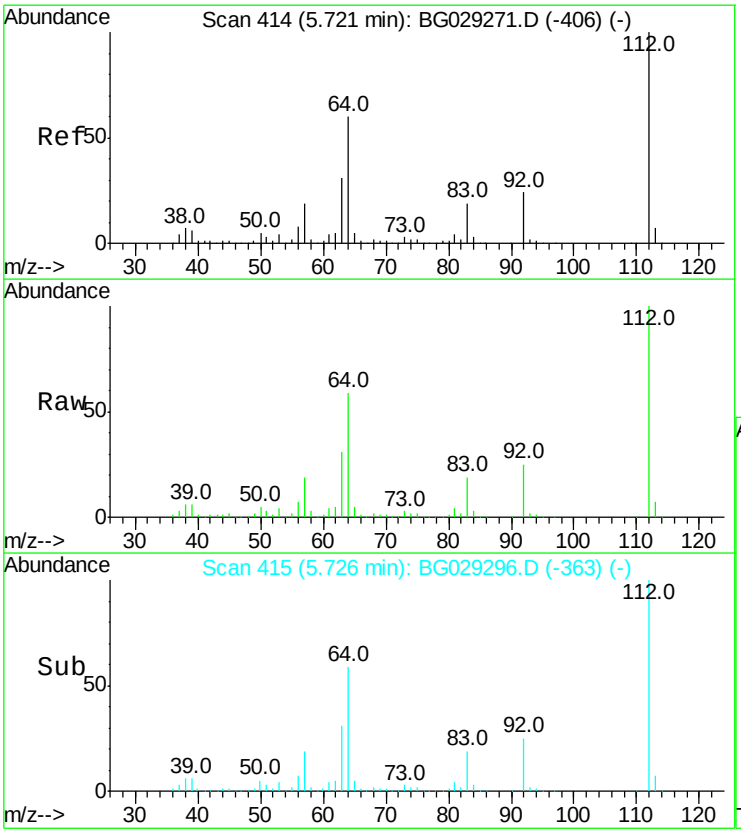
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:152 Resp: 70477

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.6	189.8
115	55.7	53.0	79.4

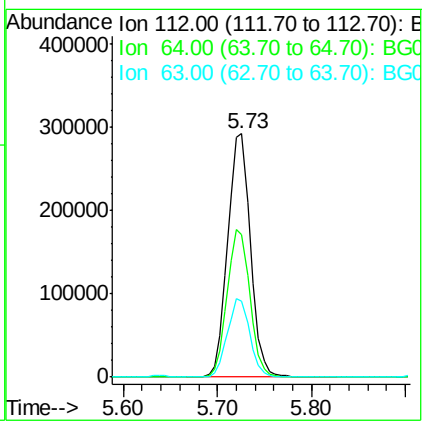


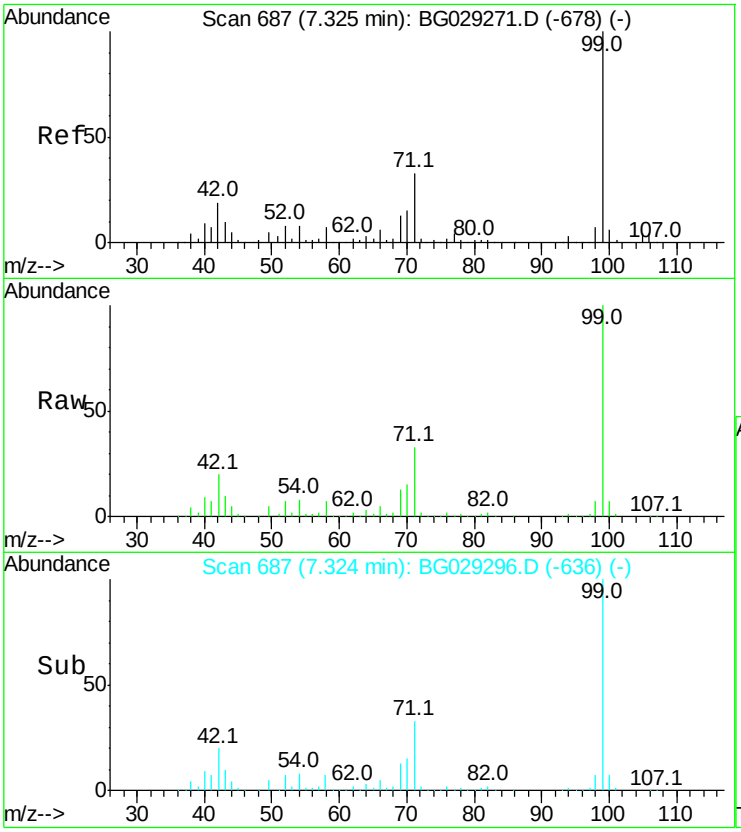


#5
2-Fluorophenol
Concen: 116.445 ng
RT: 5.73 min Scan# 415
Delta R.T. 0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:112 Resp: 491257

Ion	Ratio	Lower	Upper
112	100		
64	58.6	56.3	84.5
63	31.0	30.1	45.1



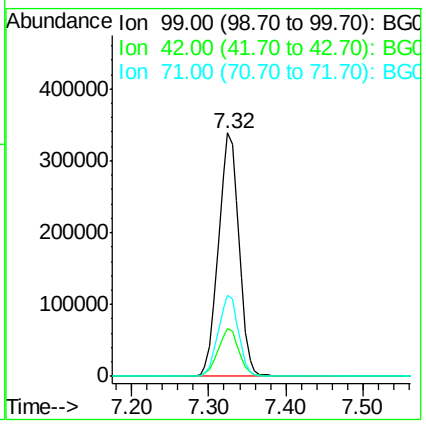


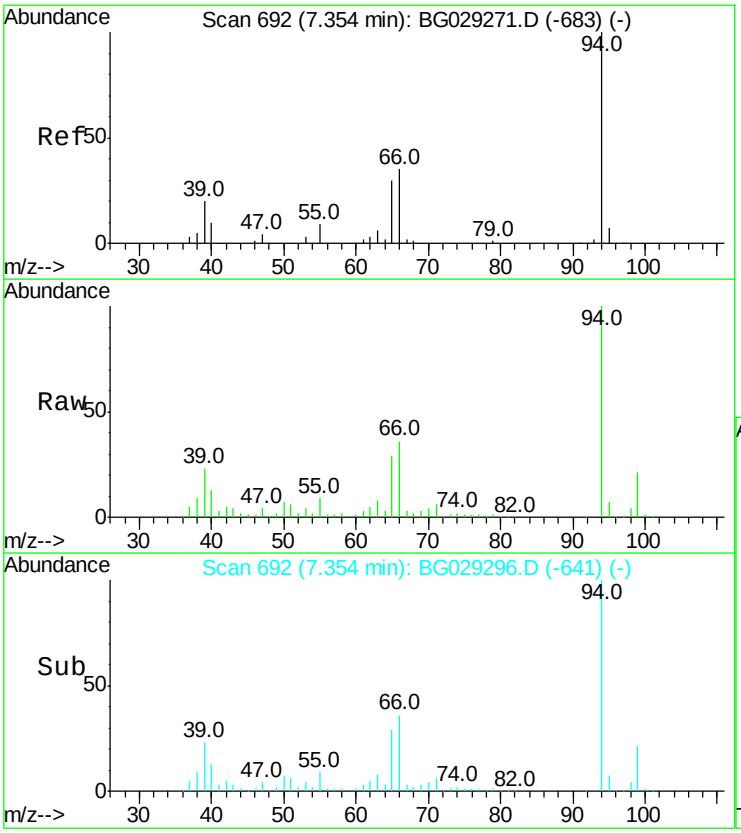
#7
Phenol-d6
Concen: 105.365 ng
RT: 7.32 min Scan# 687
Delta R.T. -0.00 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion: 99 Resp: 623944

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	33.3	26.1	39.1

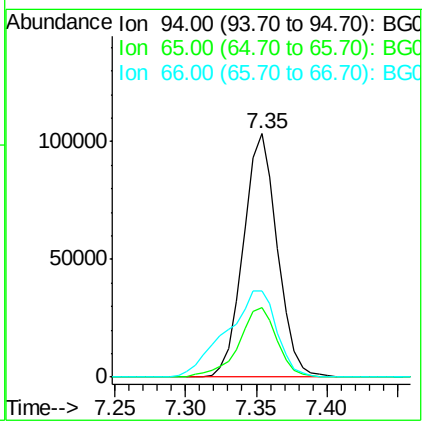


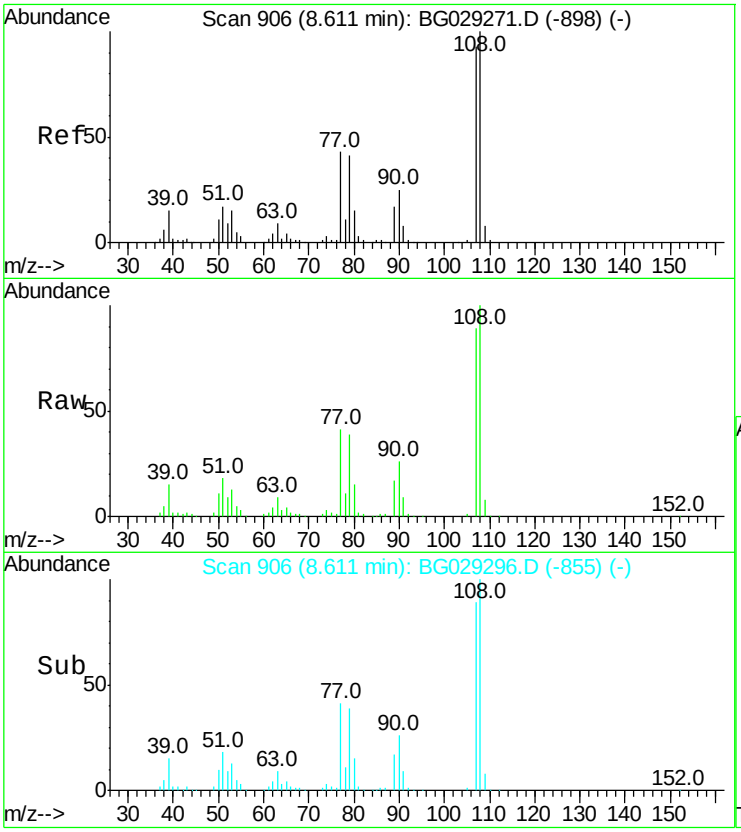


#10
Phenol
Concen: 27.382 ng
RT: 7.35 min Scan# 692
Delta R.T. -0.00 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion: 94 Resp: 174811

Ion	Ratio	Lower	Upper
94	100		
65	28.7	11.9	51.9
66	35.6	22.2	62.2



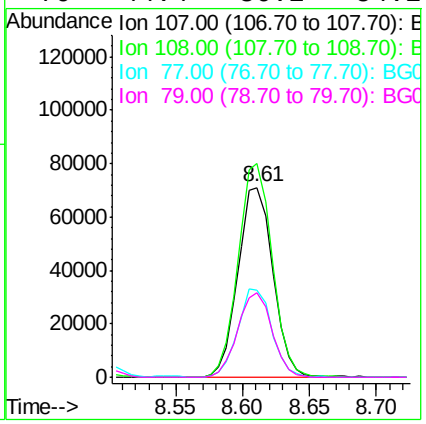


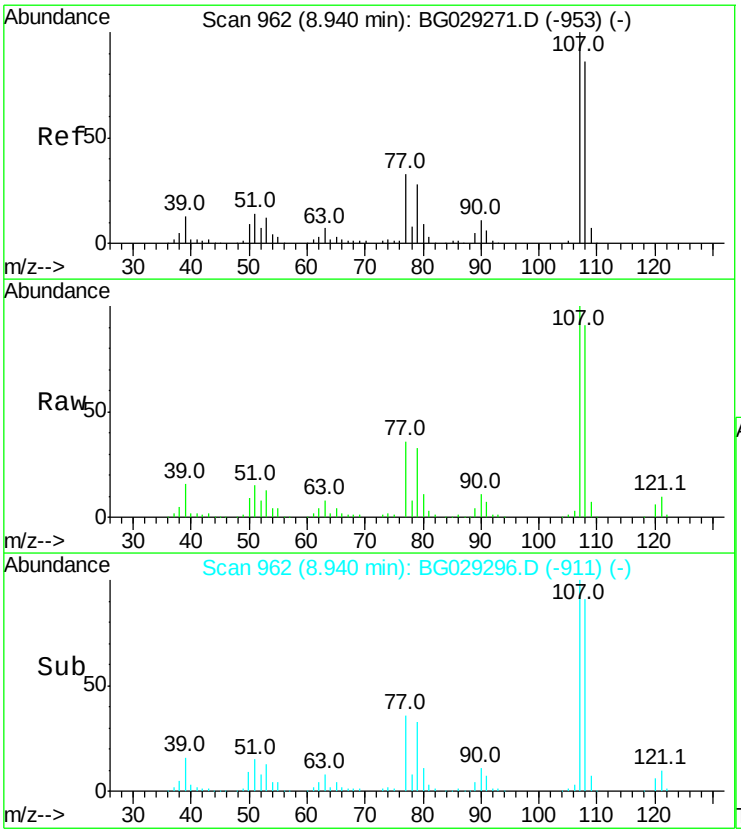
#17
2-Methylphenol
Concen: 30.398 ng
RT: 8.61 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:107 Resp: 128917

Ion	Ratio	Lower	Upper
107	100		
108	112.4	83.9	125.9
77	46.0	37.2	55.8
79	44.4	36.2	54.2

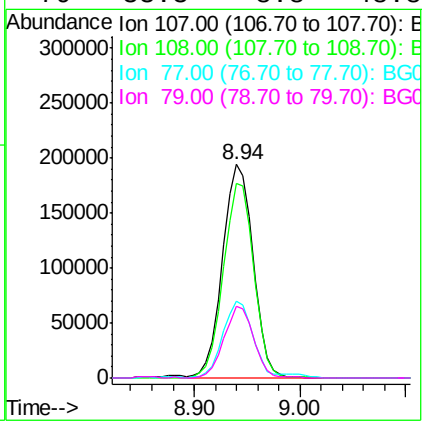


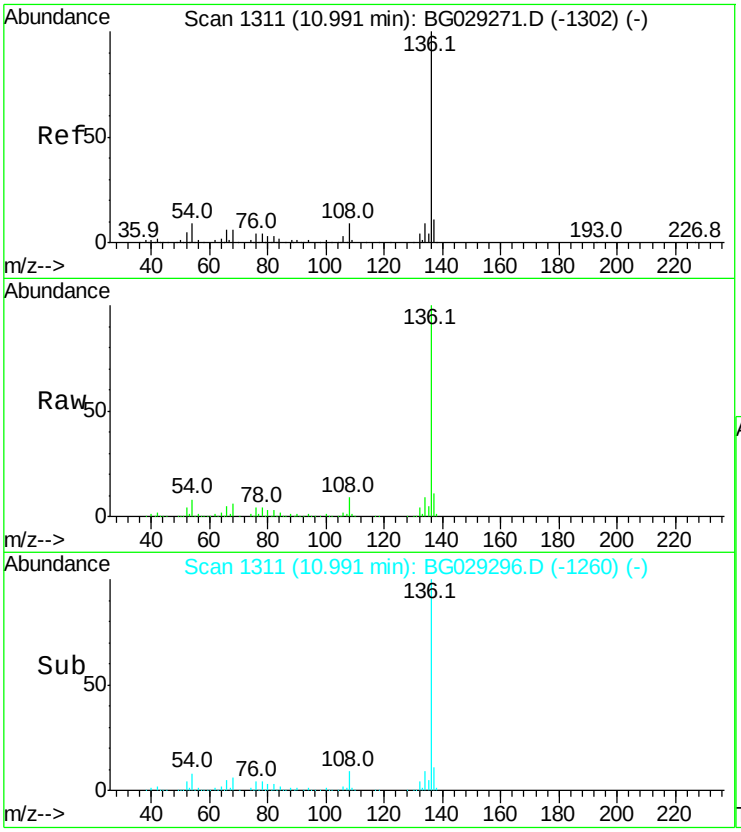


#20
3+4-Methylphenols
Concen: 64.823 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:107 Resp: 387358

Ion	Ratio	Lower	Upper
107	100		
108	91.2	61.6	101.6
77	36.2	13.9	53.9
79	33.3	8.8	48.8



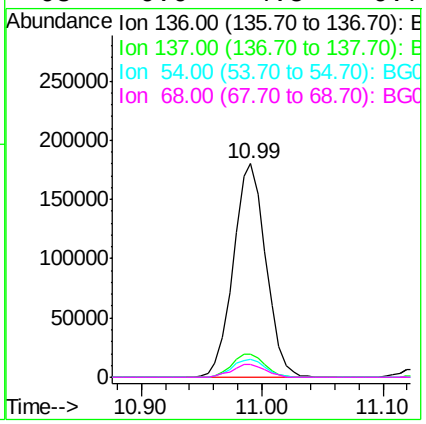


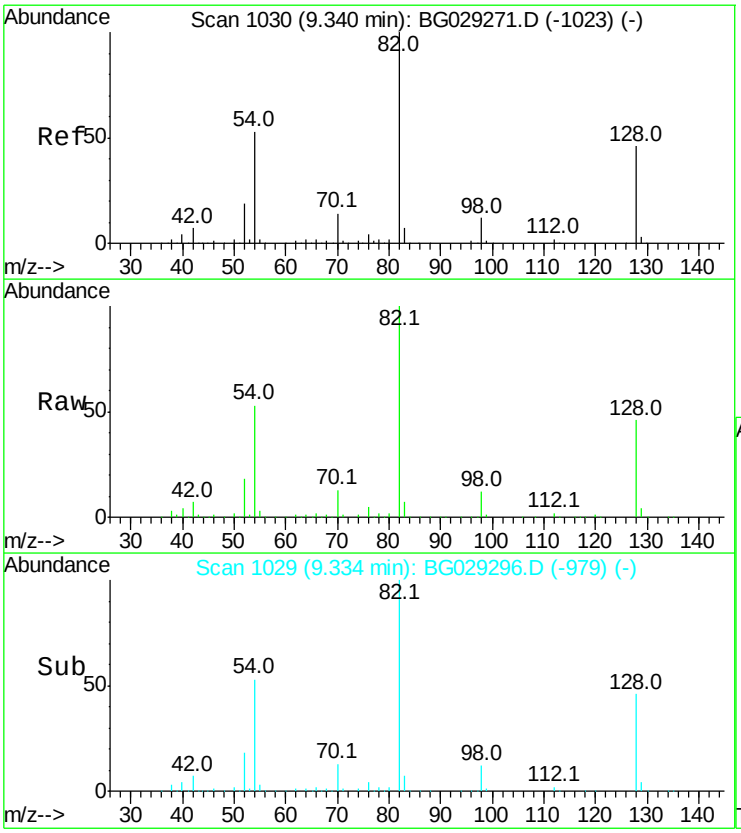
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument : BNA_G
ClientSampleId : WH-TWS-07

Tgt Ion:136 Resp: 337438

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.5	10.3	15.5#
68	6.0	4.5	6.7

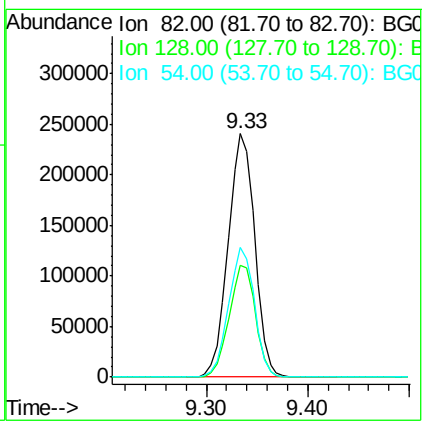


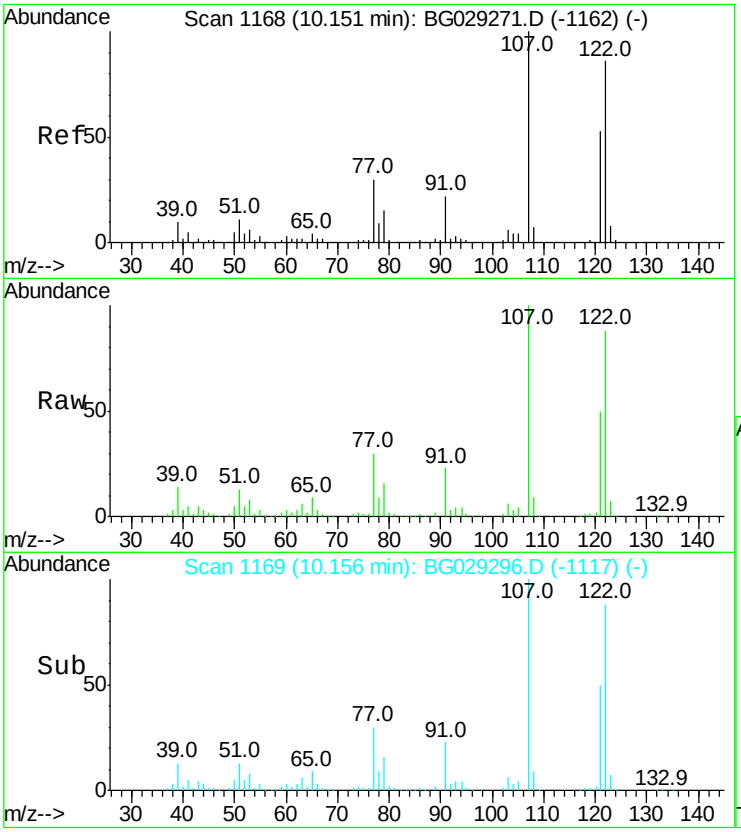


#23
Nitrobenzene-d5
Concen: 82.375 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion: 82 Resp: 437412

Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	53.5	43.1	64.7



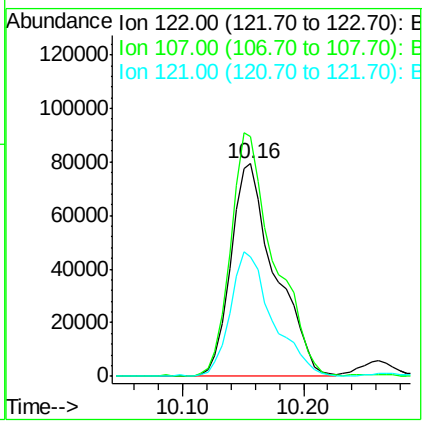


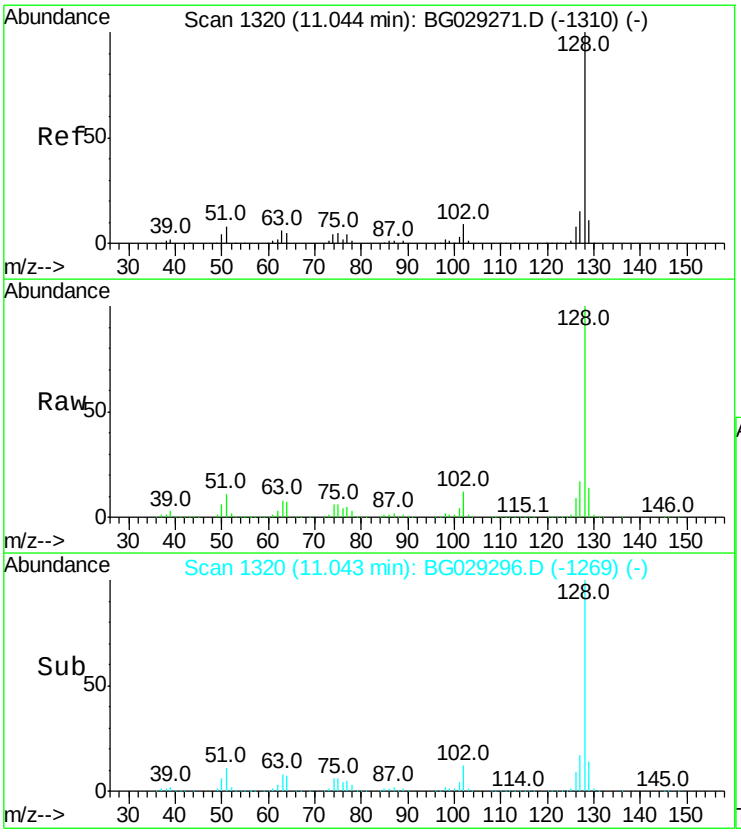
#27
2,4-Dimethylphenol
Concen: 39.151 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:122 Resp: 202130

Ion	Ratio	Lower	Upper
122	100		
107	113.2	100.2	150.2
121	56.2	44.4	66.6

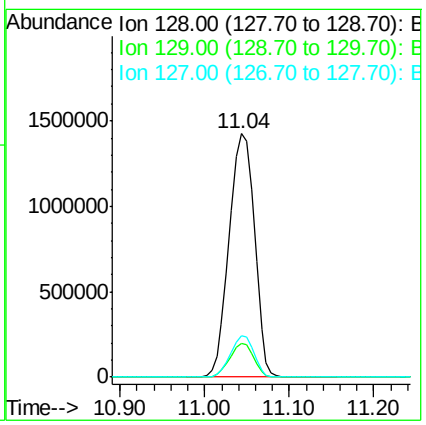


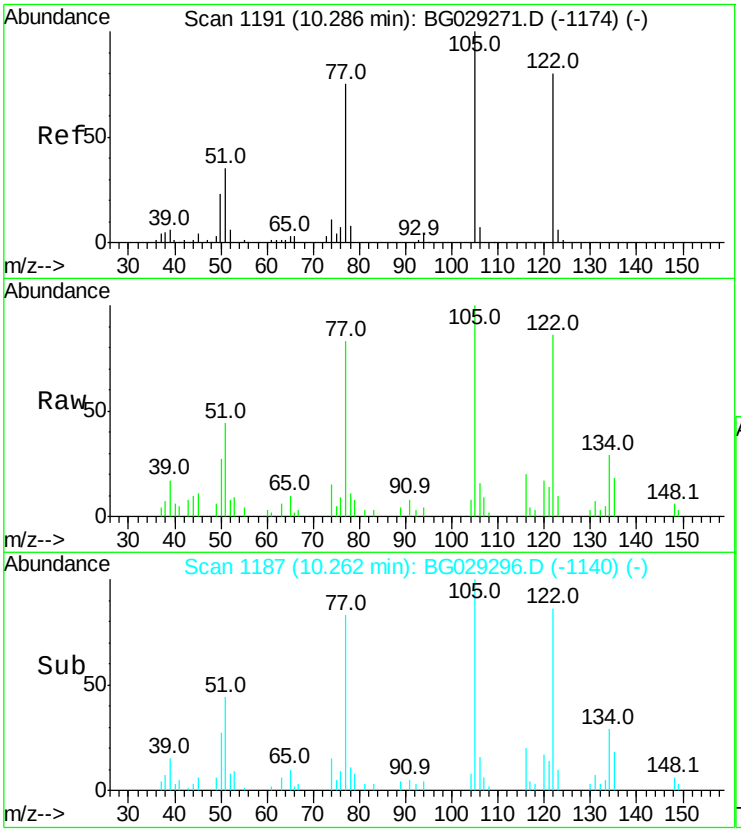


#31
Naphthalene
Concen: 175.279 ng
RT: 11.04 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:128 Resp: 2947705

Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.6	12.8#
127	17.1	11.6	17.4



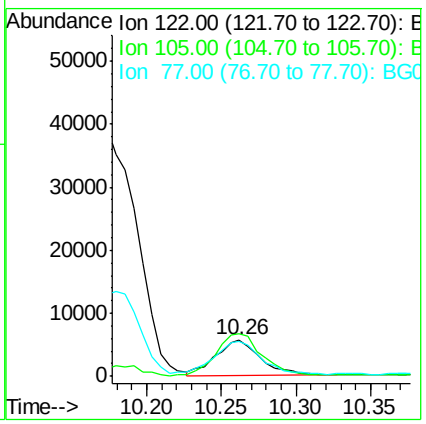


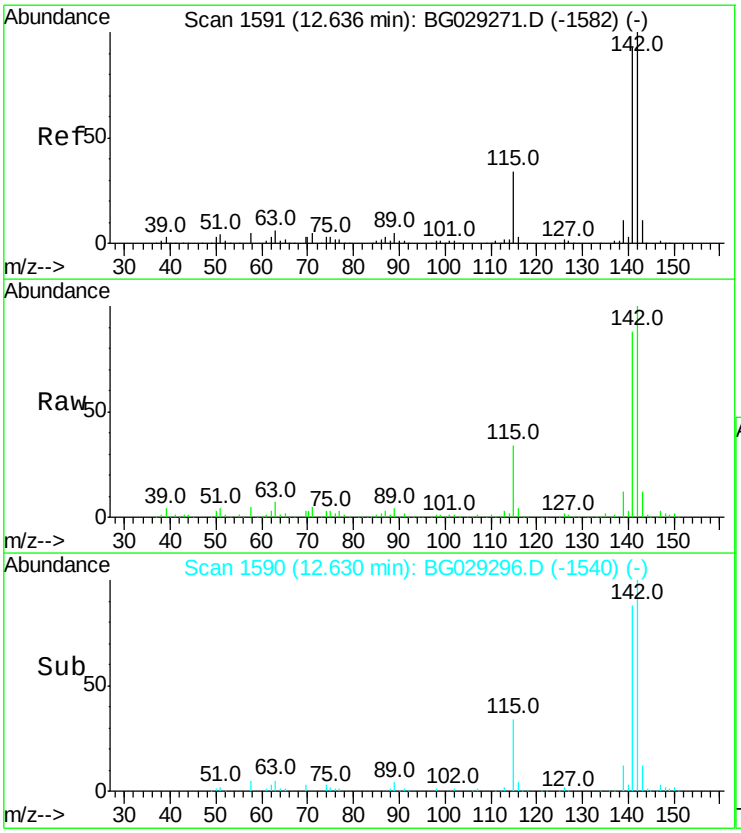
#32
Benzoic acid
Concen: 2.686 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:122 Resp: 11612

Ion	Ratio	Lower	Upper
122	100		
105	116.9	123.5	163.5#
77	97.0	85.7	125.7

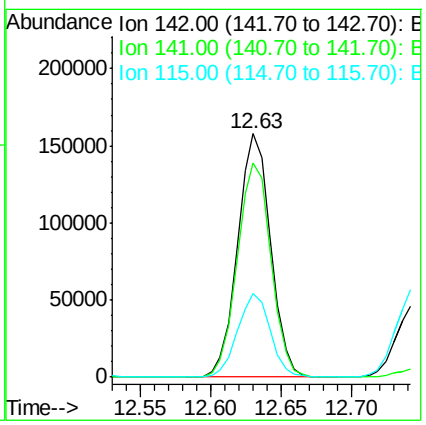


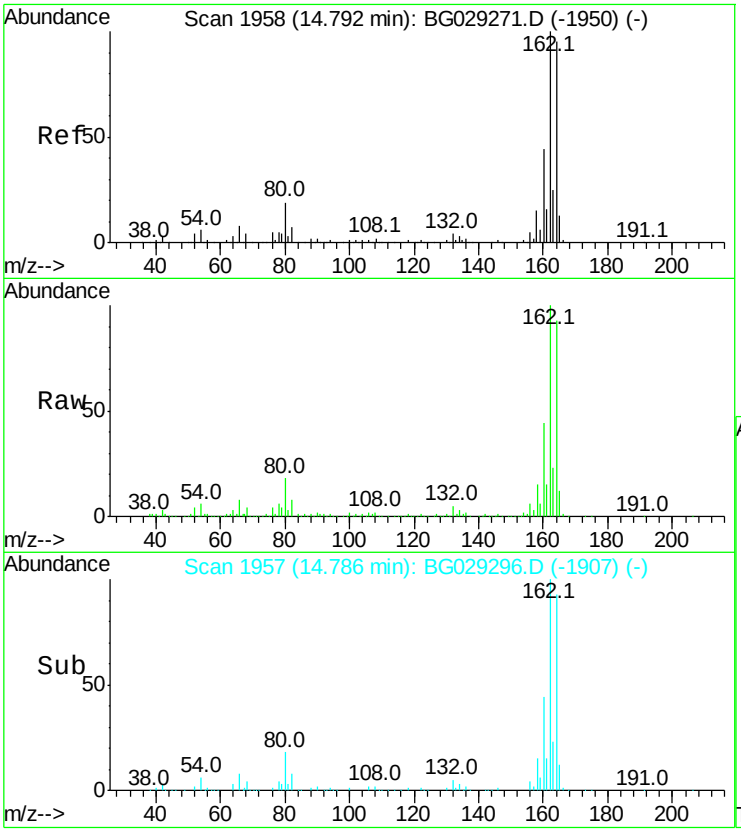


#37
2-Methylnaphthalene
Concen: 20.965 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:142 Resp: 256966

Ion	Ratio	Lower	Upper
142	100		
141	88.1	67.1	100.7
115	34.1	30.7	46.1



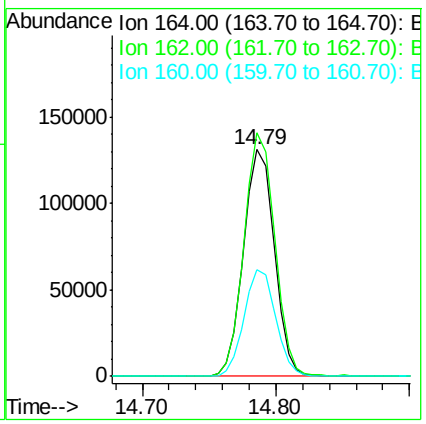


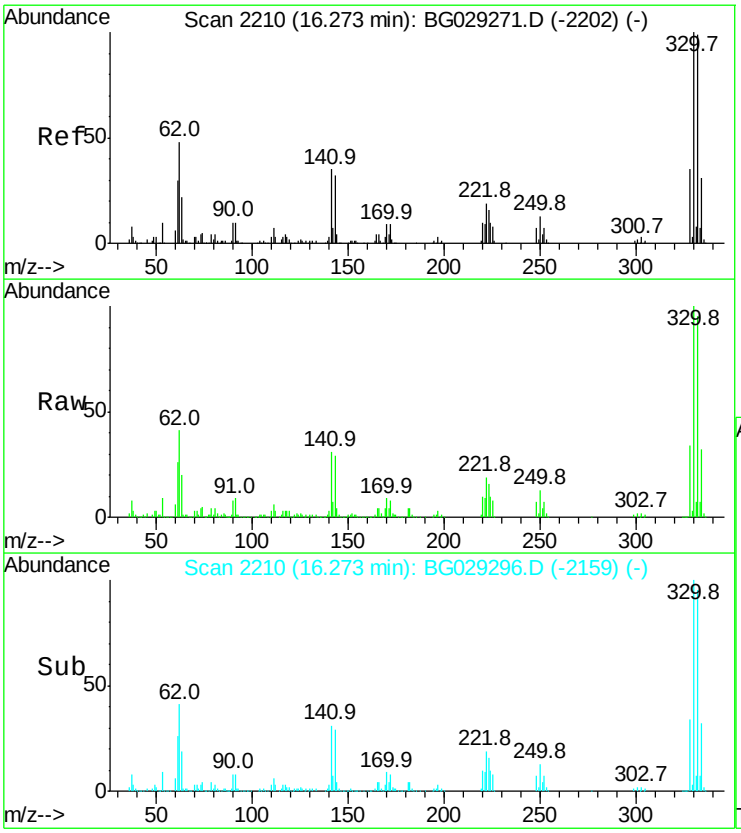
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:164 Resp: 209516

Ion	Ratio	Lower	Upper
164	100		
162	107.4	78.8	118.2
160	47.0	35.4	53.0

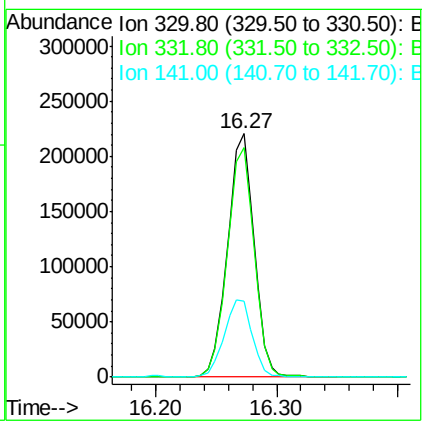


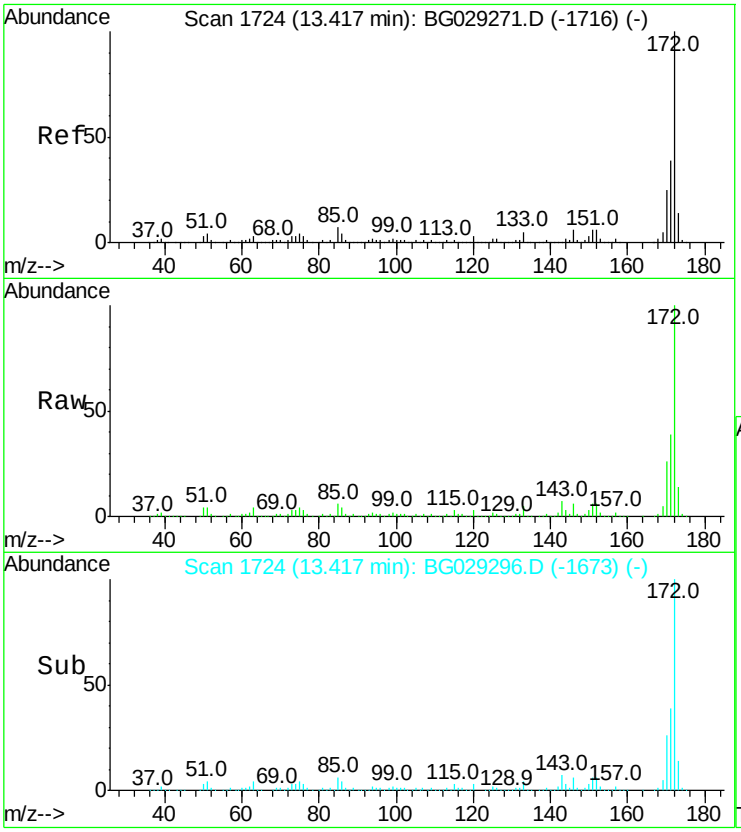


#41
2,4,6-Tribromophenol
Concen: 125.048 ng
RT: 16.27 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:330 Resp: 338264

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.9	25.2	37.8



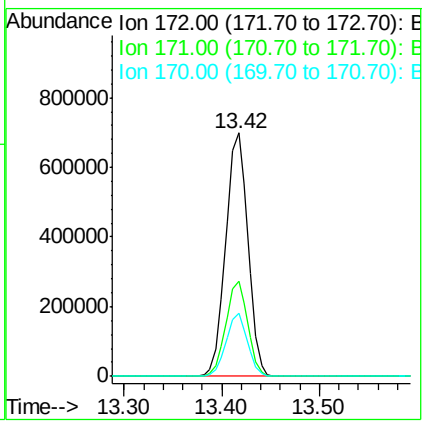


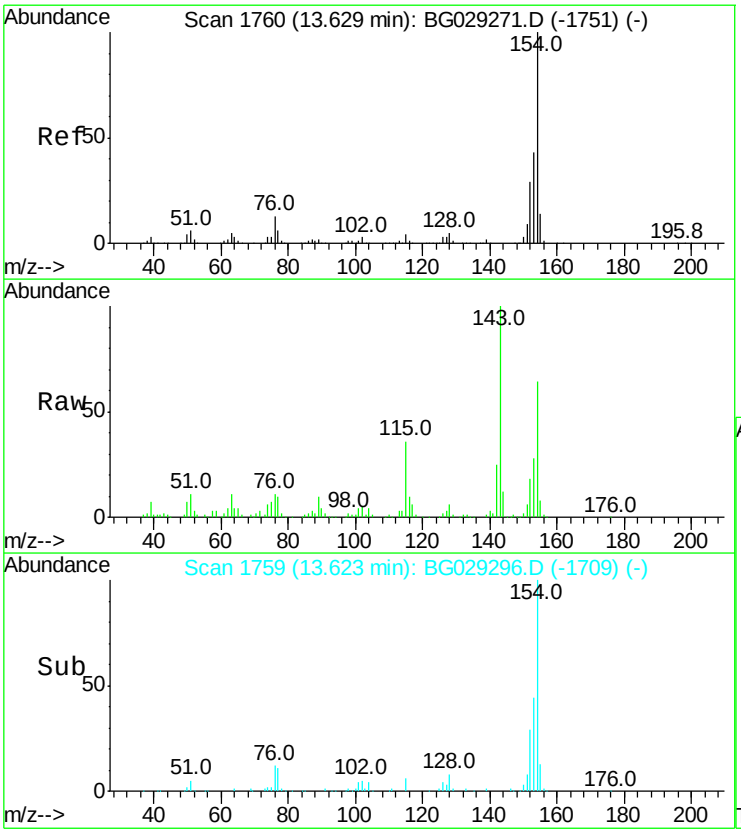
#44
2-Fluorobiphenyl
Concen: 77.110 ng
RT: 13.42 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:172 Resp: 1101540

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.8	19.5	29.3

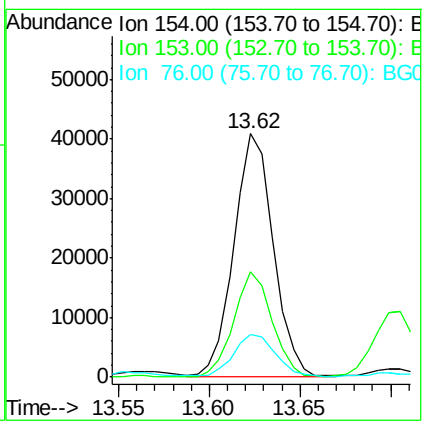


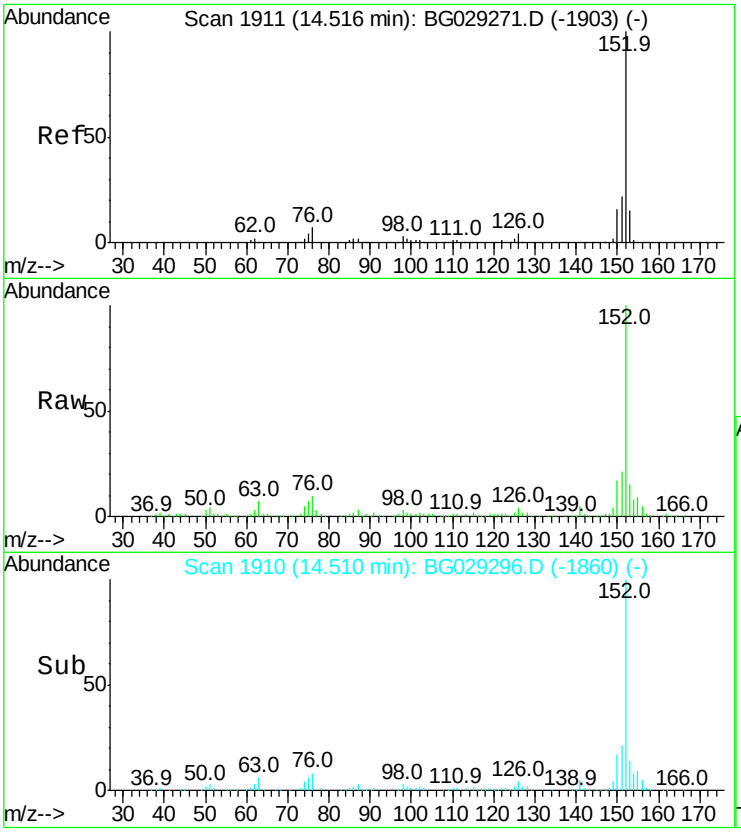


#45
1,1'-Biphenyl
Concen: 3.444 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:154 Resp: 62020

Ion	Ratio	Lower	Upper
154	100		
153	43.5	19.8	59.8
76	17.4	0.0	31.9



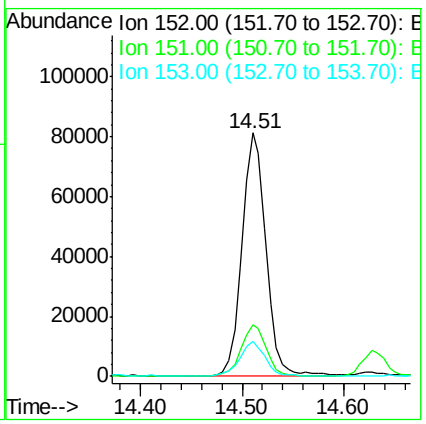


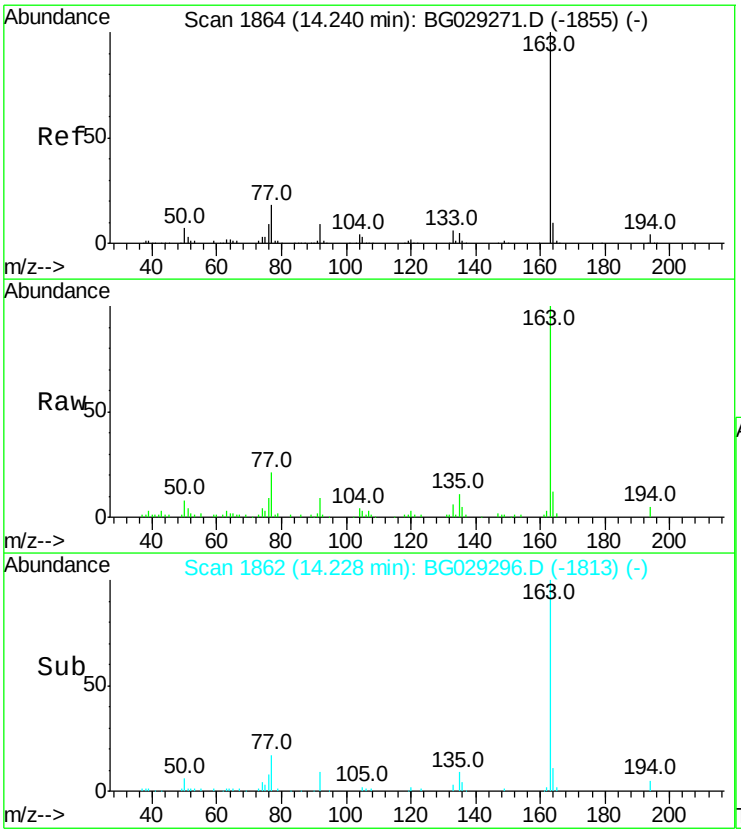
#48
Acenaphthylene
Concen: 6.484 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:152 Resp: 133302

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	14.6	10.2	15.4

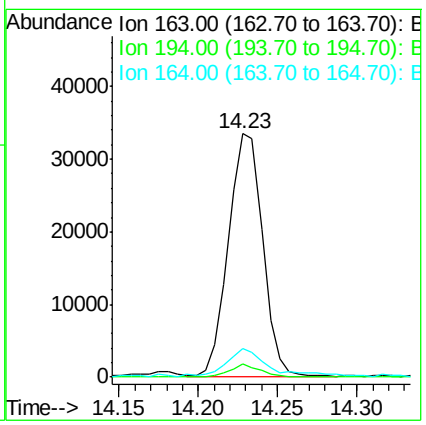


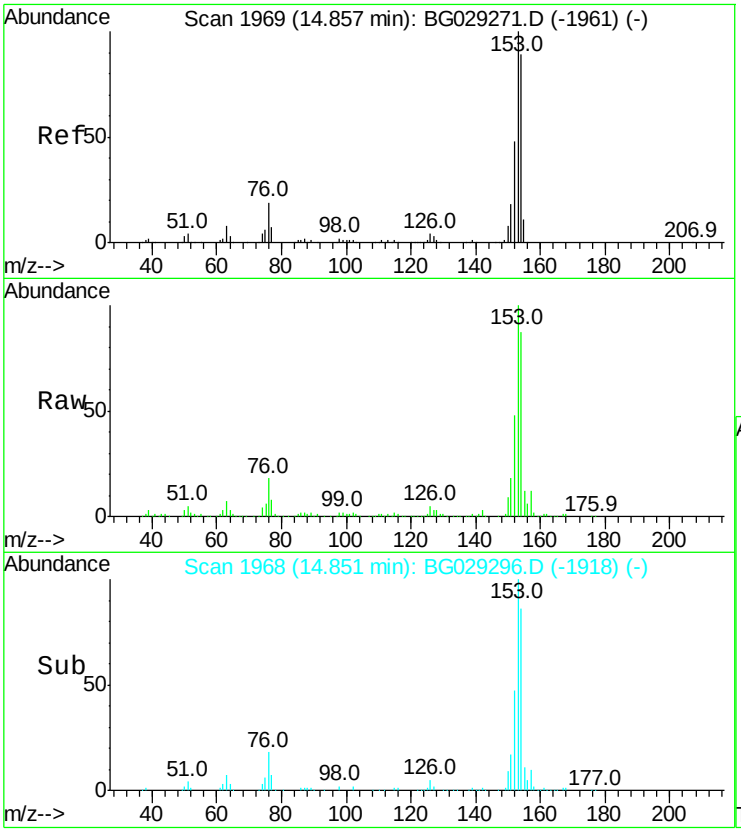


#49
Dimethylphthalate
Concen: 3.089 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:163 Resp: 50497

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	11.9	8.2	12.4



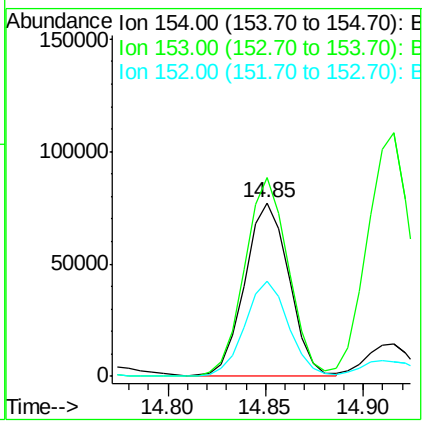


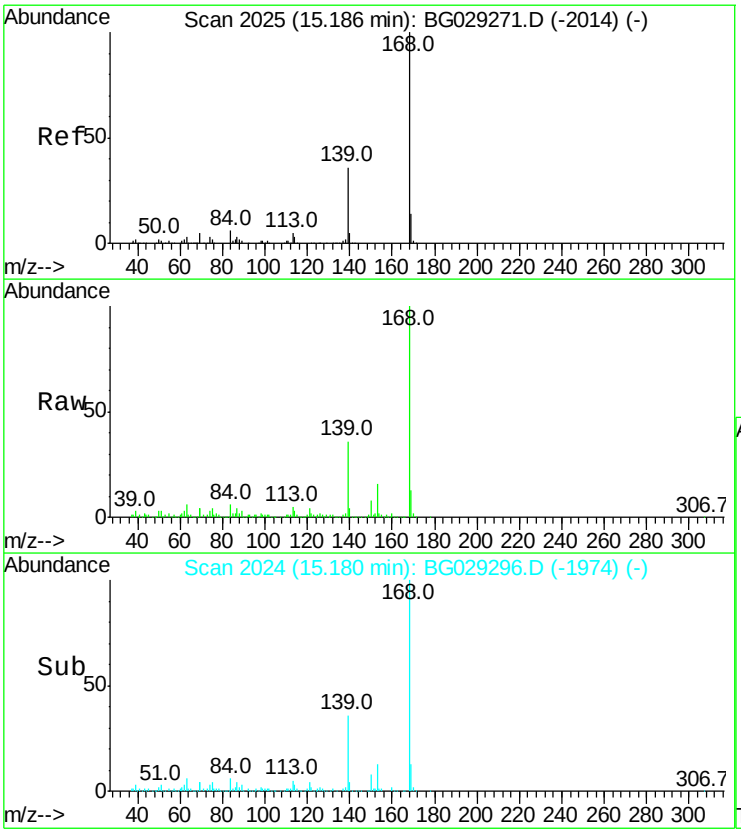
#51
Acenaphthene
Concen: 9.014 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:154 Resp: 120573

Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.4	135.6
152	54.8	41.6	62.4

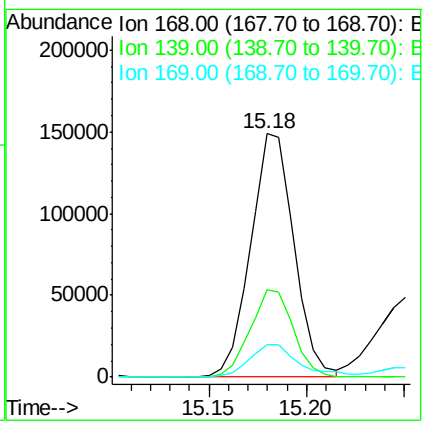


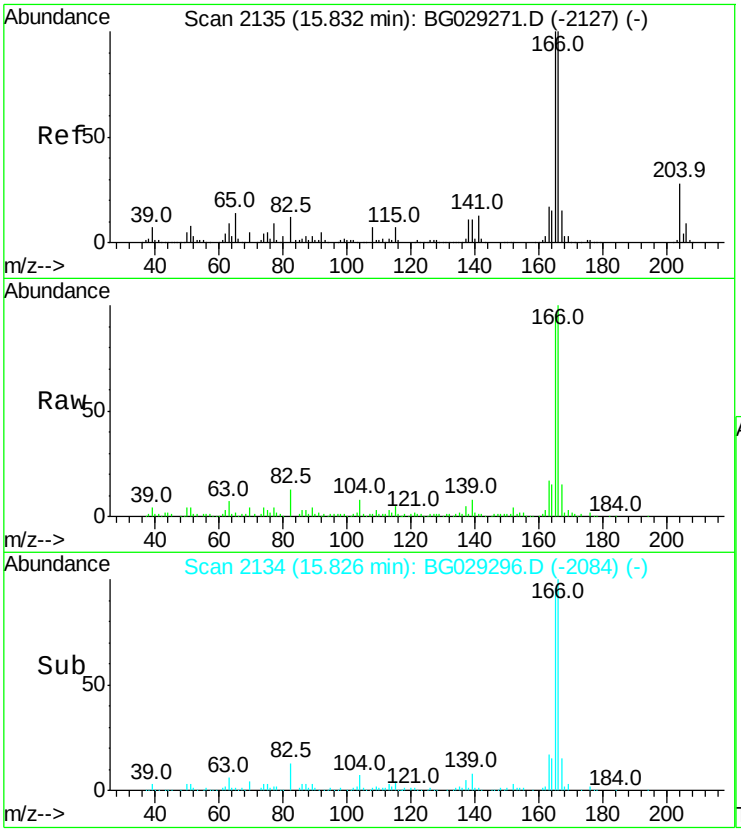


#54
Dibenzofuran
Concen: 11.934 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:168 Resp: 227870

Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.6	43.0
169	13.1	11.2	16.8



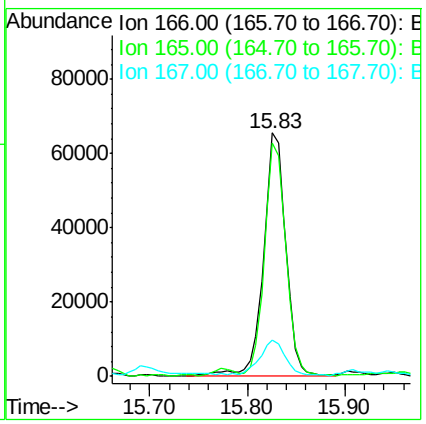


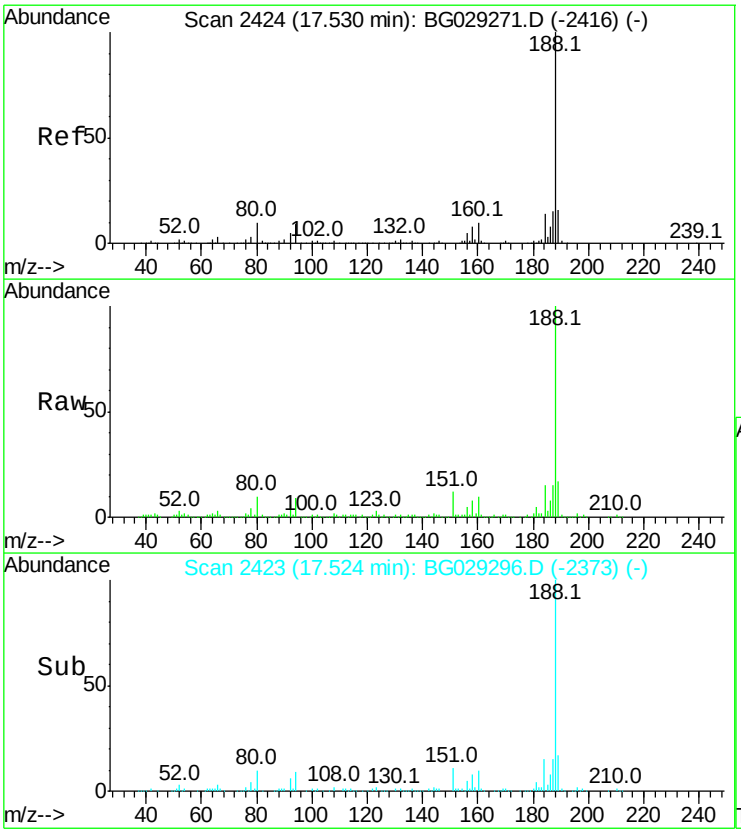
#57
Fluorene
Concen: 6.748 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:166 Resp: 106442

Ion	Ratio	Lower	Upper
166	100		
165	95.7	80.6	121.0
167	15.1	10.4	15.6

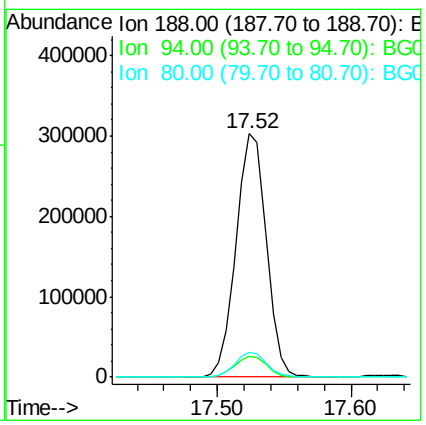


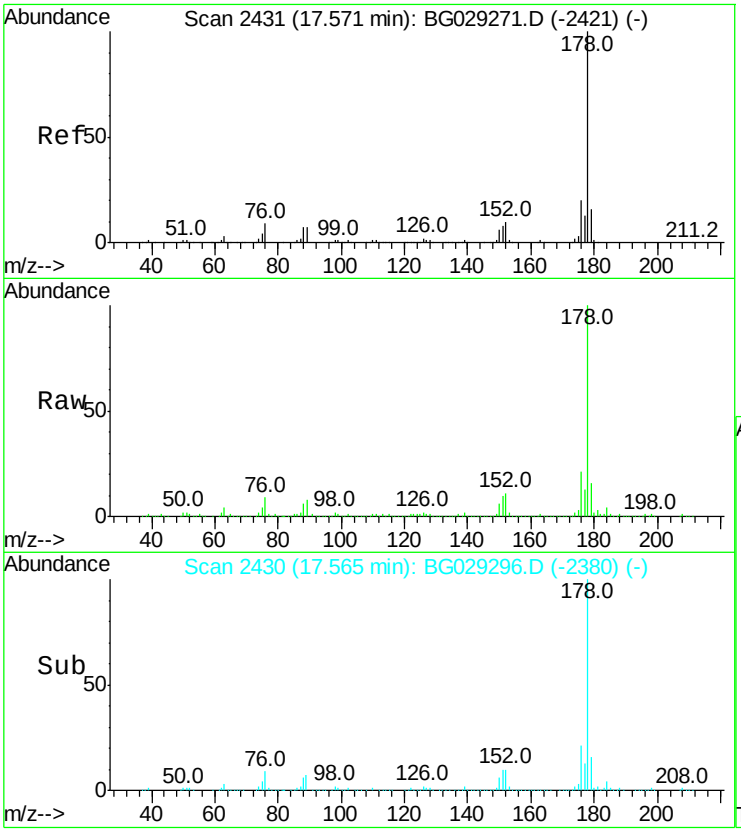


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:188 Resp: 476508

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	10.0	7.7	11.5



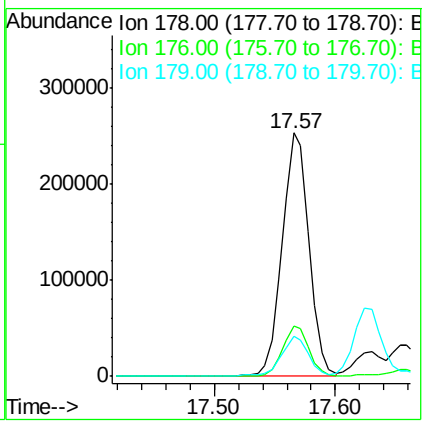


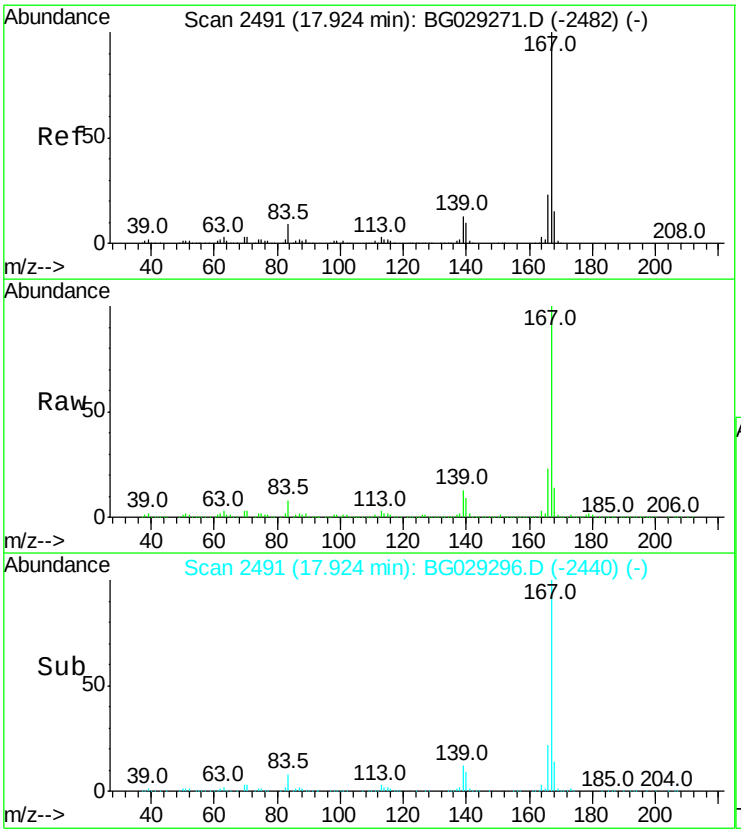
#70
Phenanthrene
Concen: 15.640 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:178 Resp: 385012

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.5	12.5	18.7

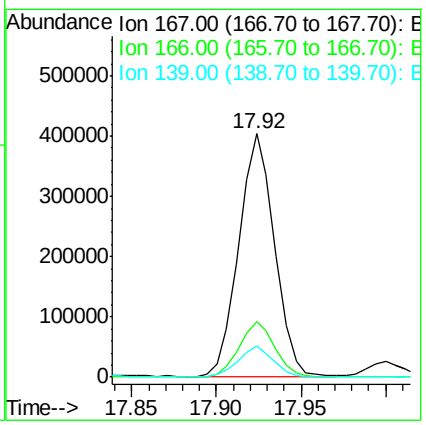


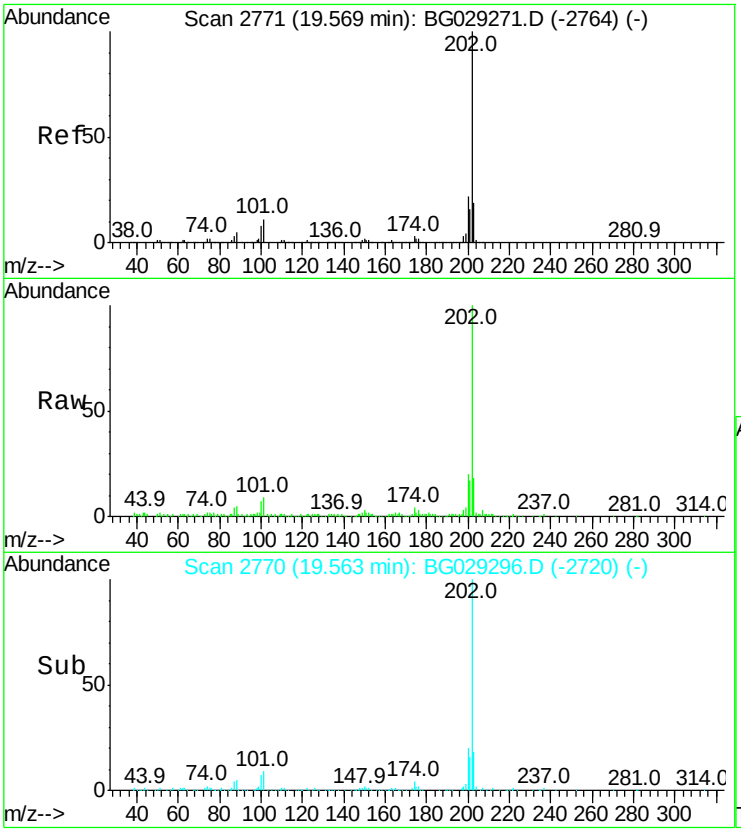


#72
Carbazole
Concen: 24.851 ng
RT: 17.92 min Scan# 2491
Delta R.T. -0.00 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:167 Resp: 590073

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	12.6	9.4	14.2



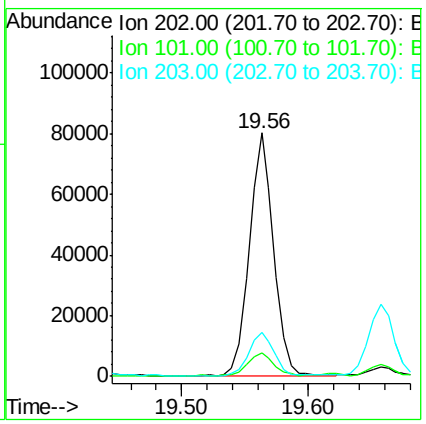


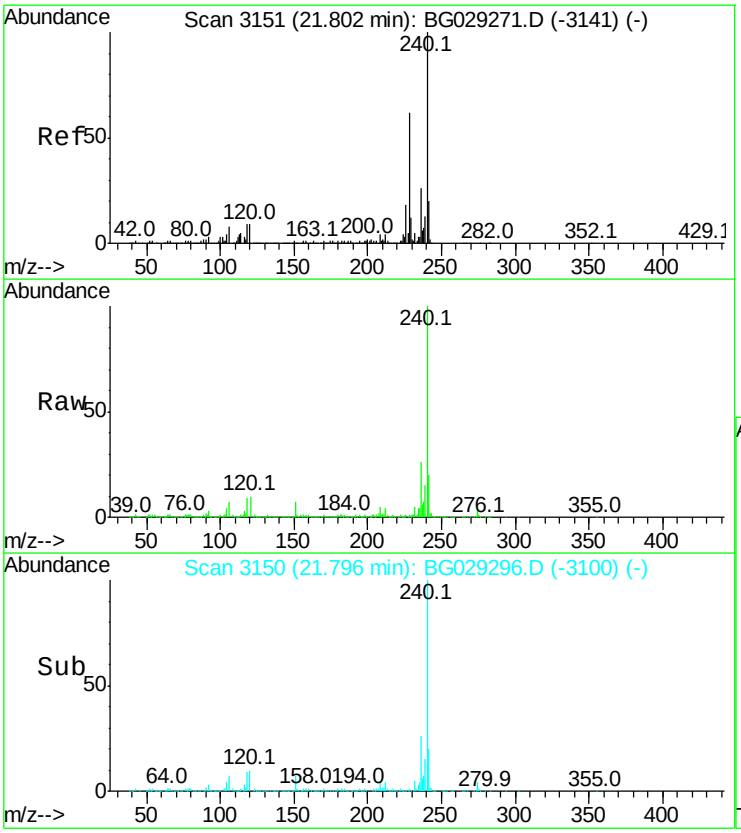
#74
Fluoranthene
Concen: 3.700 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:202 Resp: 106522

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	28.9
203	18.1	0.0	37.5

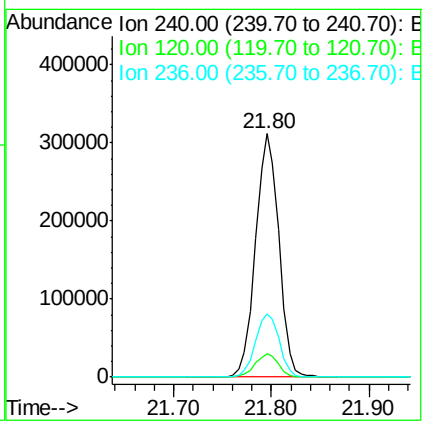


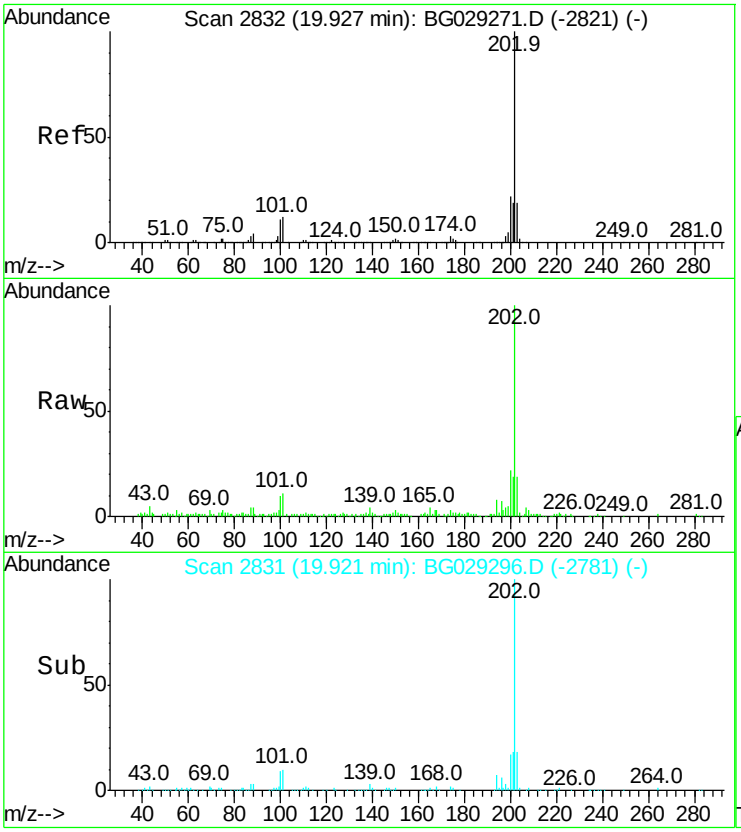


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:240 Resp: 524840

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.8	10.2
236	25.7	20.9	31.3



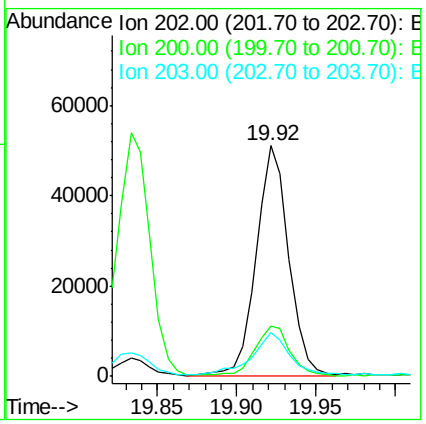


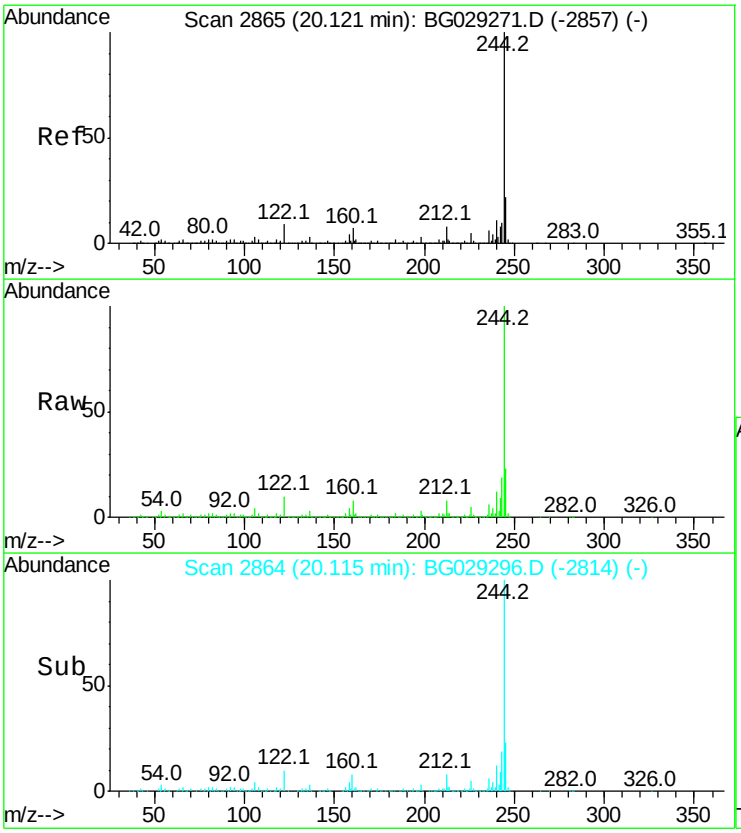
#77
Pyrene
Concen: 2.267 ng
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:202 Resp: 72169

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.8	13.9	20.9

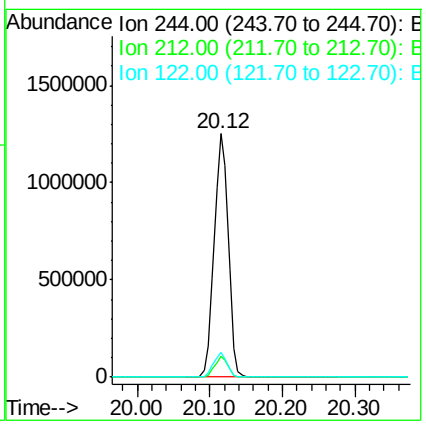


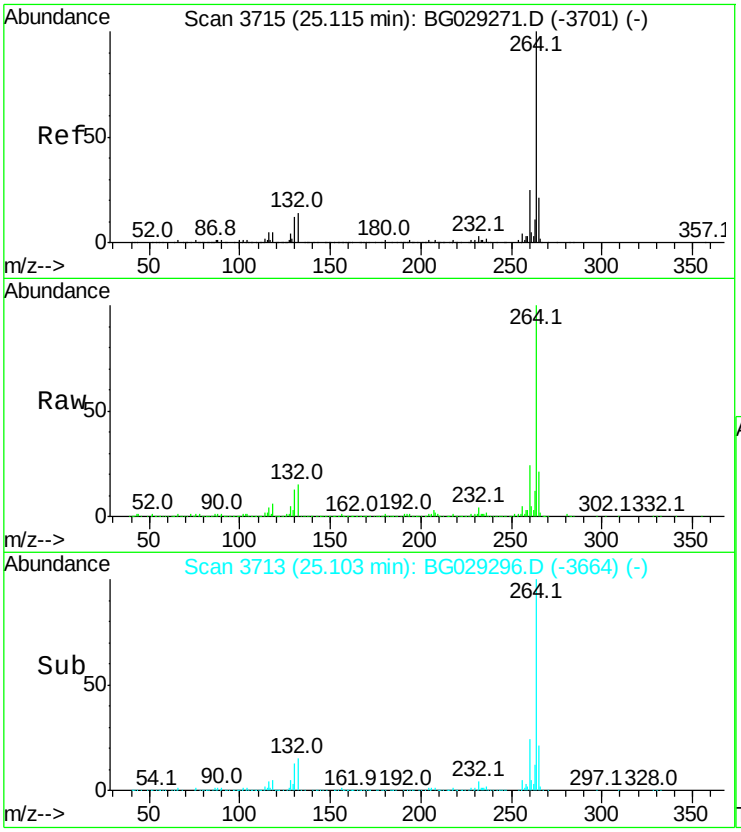


#78
Terphenyl-d14
Concen: 73.121 ng
RT: 20.12 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Tgt Ion:244 Resp: 1686951

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	10.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029296.D
Acq: 17 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WH-TWS-07

Tgt Ion:264 Resp: 544656

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.3	17.7	26.5