Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029292.D
Acq On : 17 Oct 2017 4:43
Operator : SJ/JU
Sample : I5906-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WH-TWS-03

Quant Time: Oct 17 05:37:23 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	71404	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	340259	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	209850	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	464650	20.00	ng		0.00
75) Chrysene-d12	21.79	240	508922	20.00	ng		0.00
86) Perylene-d12	25.11	264	521559	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	559486	130.90	ng		0.00
7) Phenol-d6	7.33	99	692251	115.38	ng		0.00
23) Nitrobenzene-d5	9.34	82	473731	88.47	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	323008	119.22	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1173450	82.01	ng		0.00
78) Terphenyl-d14	20.12	244	1737862	77.68	ng		0.00
Target Compounds							Qvalue
3) Pyridine	4.01	79	12187	2.413	ng		94
10) Phenol	7.36	94	1005714	155.487	ng		95
17) 2-Methylphenol	8.61	107	398536	92.753	ng		97
20) 3+4-Methylphenols	8.96	107	1326901	219.169	ng		88
27) 2,4-Dimethylphenol	10.17	122	582105	111.815	ng		93
31) Naphthalene	11.05	128	4635447	273.351	ng	#	84
37) 2-Methylnaphthalene	12.63	142	449153	36.342	ng		94
45) 1,1'-Biphenyl	13.63	154	97079	5.382	ng		92
48) Acenaphthylene	14.51	152	196850	9.560	ng		98
51) Acenaphthene	14.85	154	194621	14.527	ng		96
54) Dibenzofuran	15.18	168	330523	17.282	ng		100
57) Fluorene	15.83	166	178650	11.307	ng		93
70) Phenanthrene	17.57	178	448664	18.691	ng		99
71) Anthracene	17.66	178	77611	3.220	ng		95
72) Carbazole	17.93	167	909788	39.293	ng		98
74) Fluoranthene	19.56	202	101599	3.619	ng		98
77) Pyrene	19.92	202	62892	2.037	ng		98

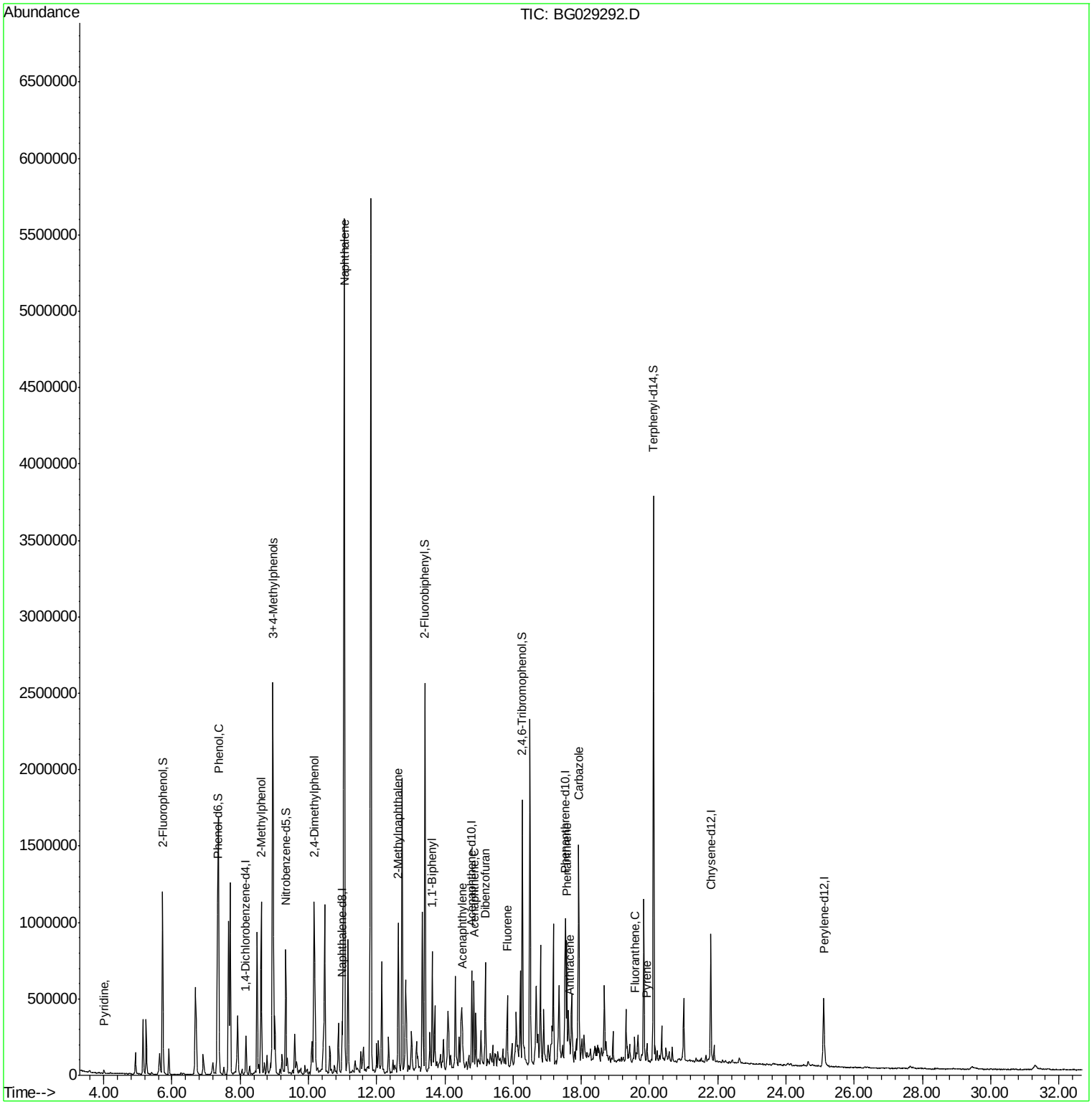
(#) = qualifier out of range (m) = manual integration (+) = signals summed

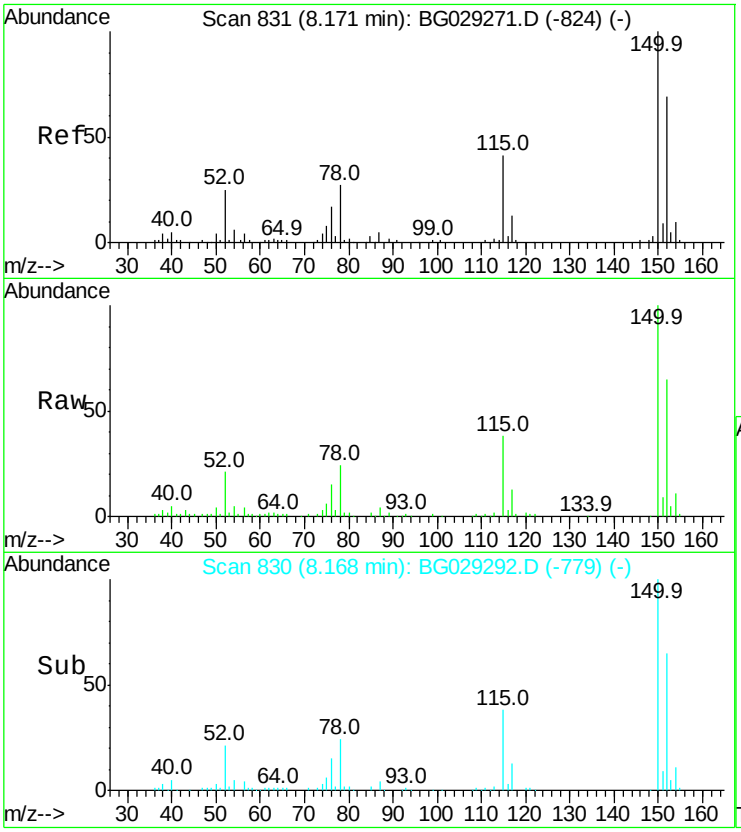
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029292.D
Acq On : 17 Oct 2017 4:43
Operator : SJ/JU
Sample : I5906-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Quant Time: Oct 17 05:37:23 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



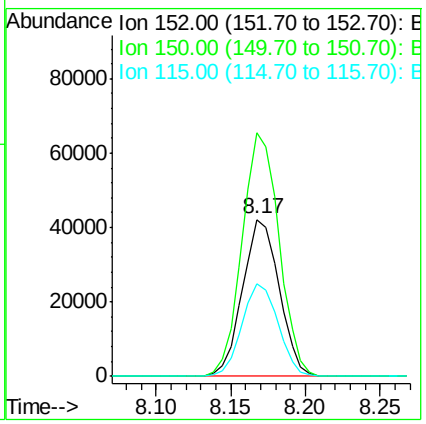


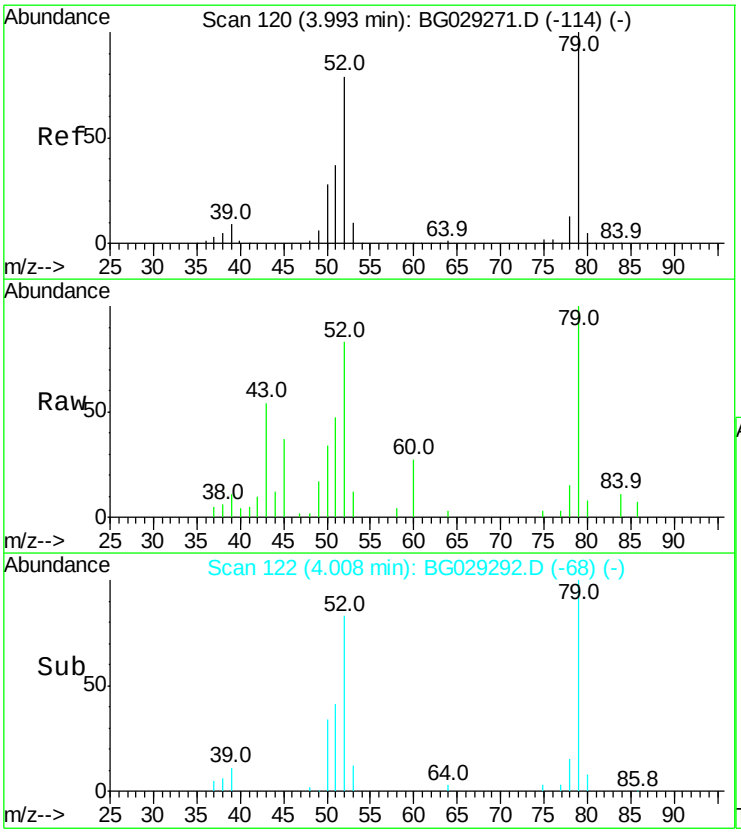
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:152 Resp: 71404

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	189.8
115	58.9	53.0	79.4

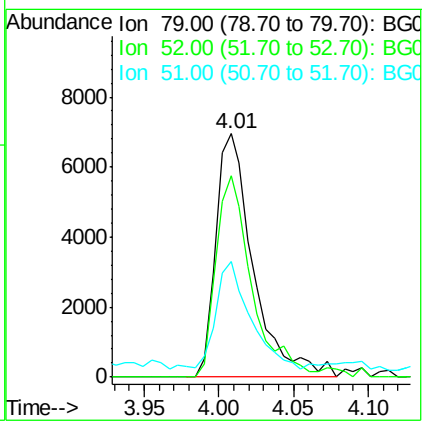


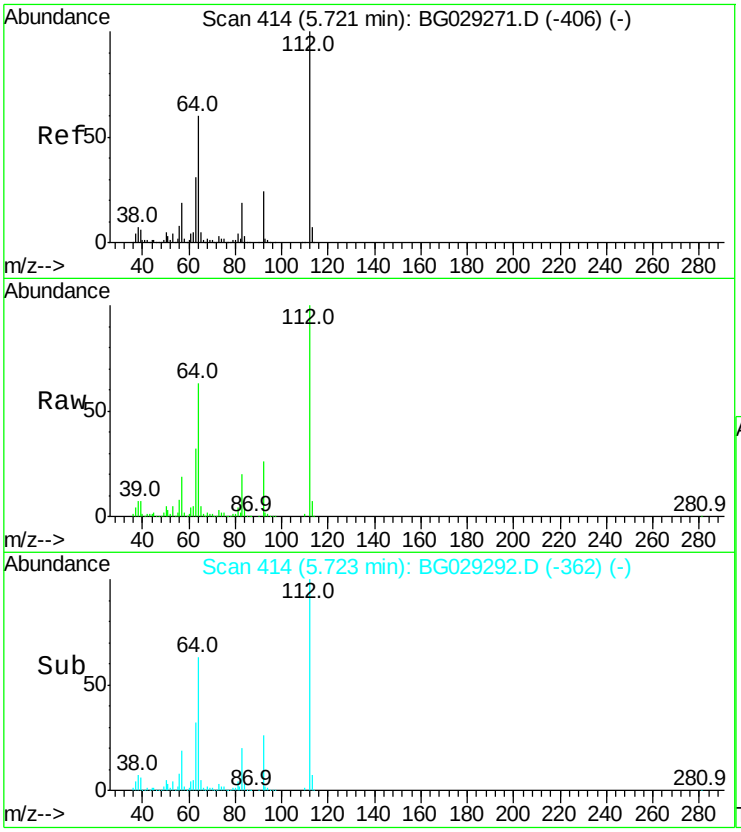


#3
Pyridine
Concen: 2.413 ng
RT: 4.01 min Scan# 122
Delta R.T. 0.01 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion: 79 Resp: 12187

Ion	Ratio	Lower	Upper
79	100		
52	82.8	69.9	104.9
51	47.2	34.0	51.0



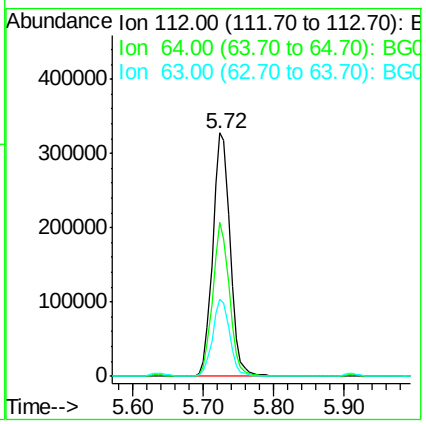


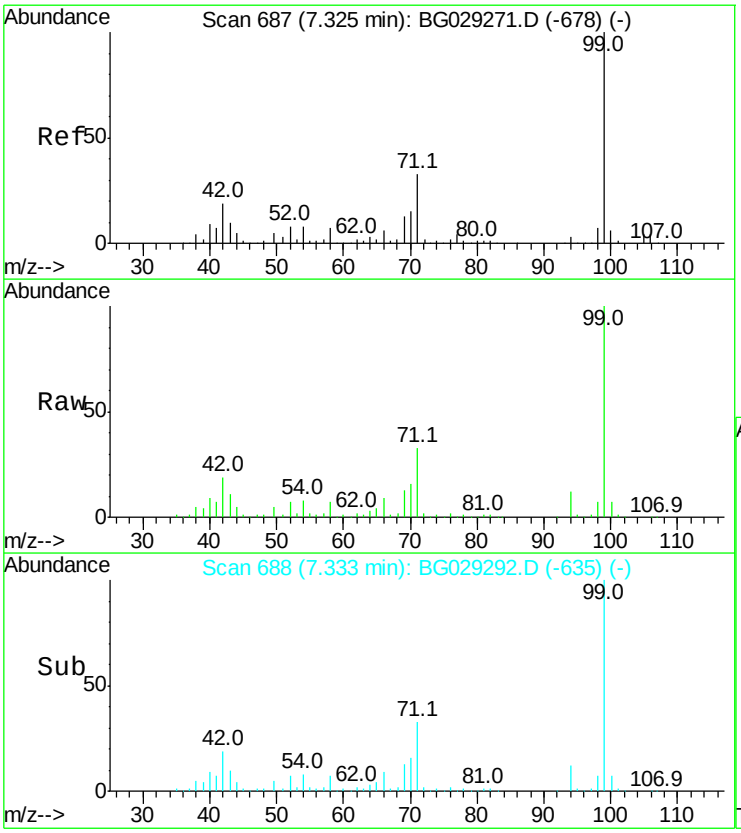
#5
2-Fluorophenol
Concen: 130.896 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:112 Resp: 559486

Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	31.8	30.1	45.1

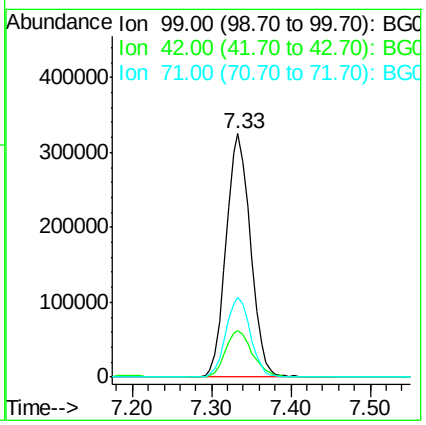


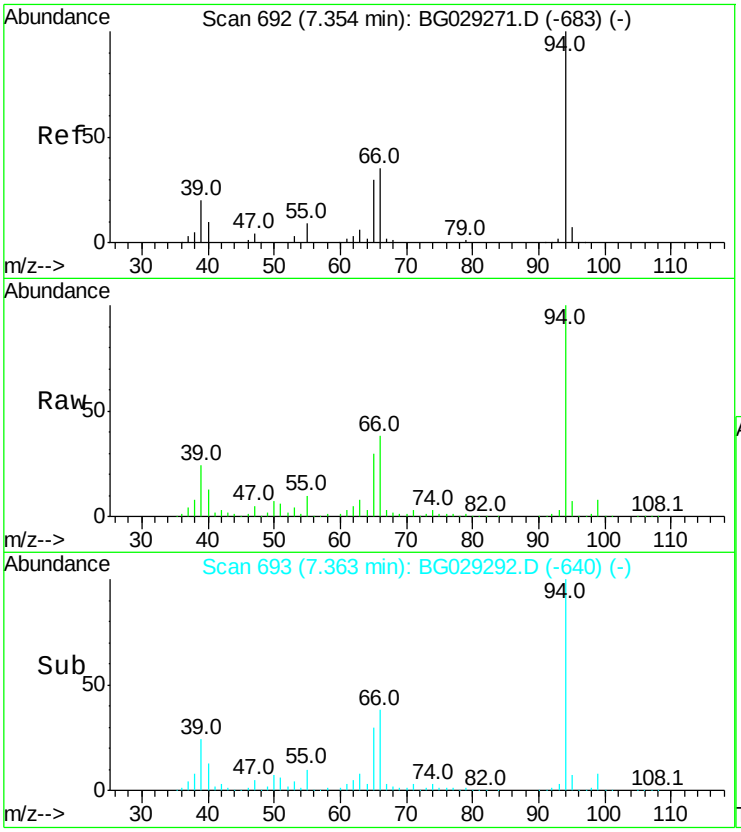


#7
Phenol-d6
Concen: 115.383 ng
RT: 7.33 min Scan# 688
Delta R.T. 0.01 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion: 99 Resp: 692251

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.1	21.1
71	32.6	26.1	39.1



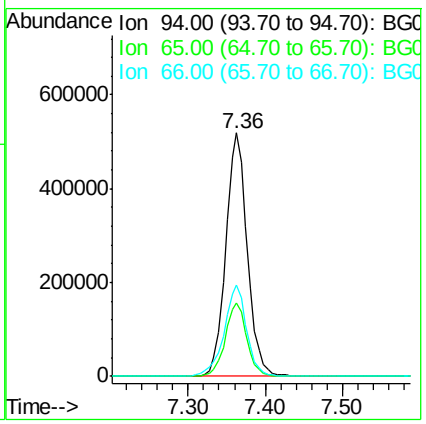


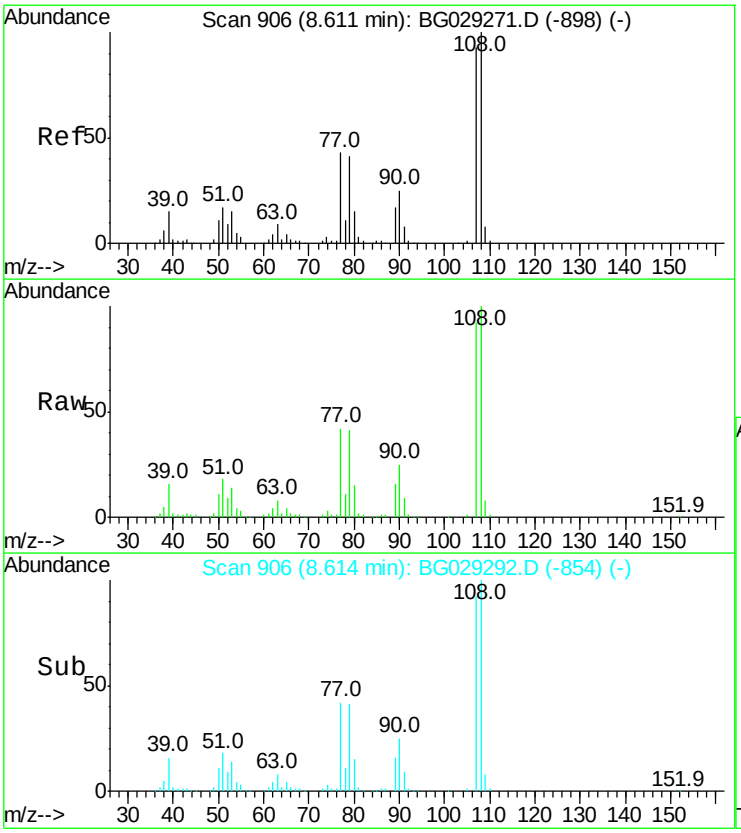
#10
Phenol
Concen: 155.487 ng
RT: 7.36 min Scan# 693
Delta R.T. 0.01 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion: 94 Resp: 1005714

Ion	Ratio	Lower	Upper
94	100		
65	30.3	11.9	51.9
66	37.7	22.2	62.2

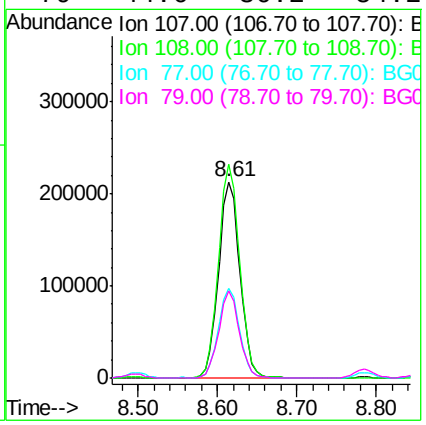


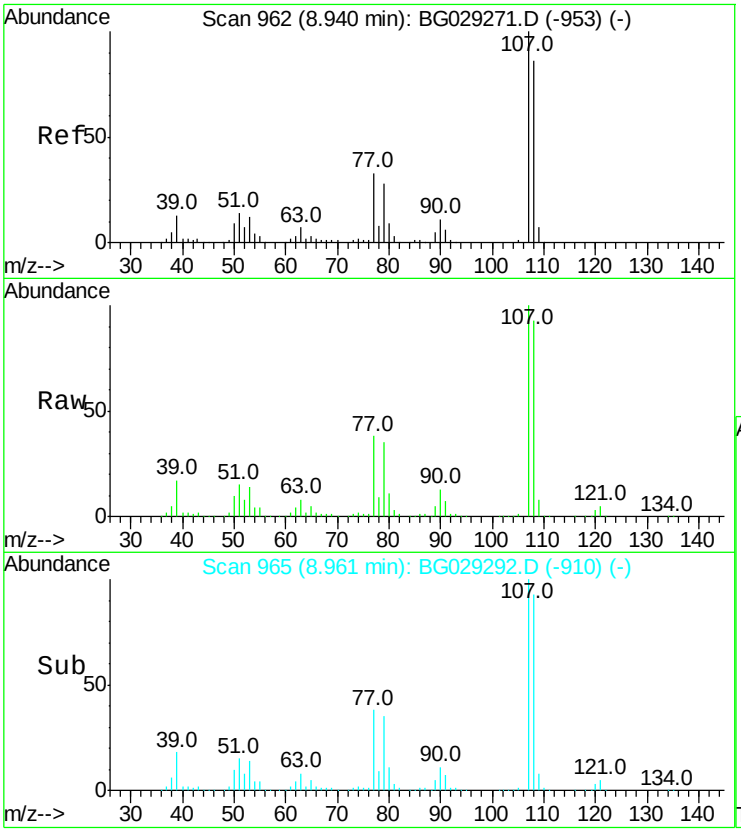


#17
2-Methylphenol
Concen: 92.753 ng
RT: 8.61 min Scan# 906
Delta R.T. 0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:107 Resp: 398536

Ion	Ratio	Lower	Upper
107	100		
108	108.8	83.9	125.9
77	45.4	37.2	55.8
79	44.6	36.2	54.2



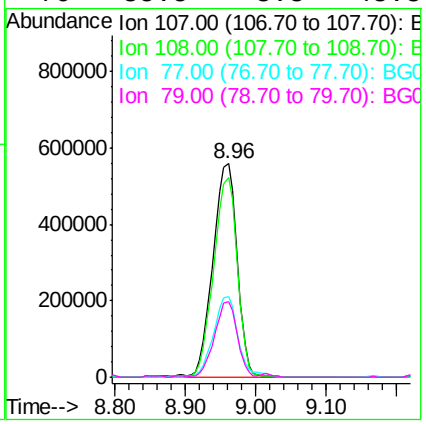


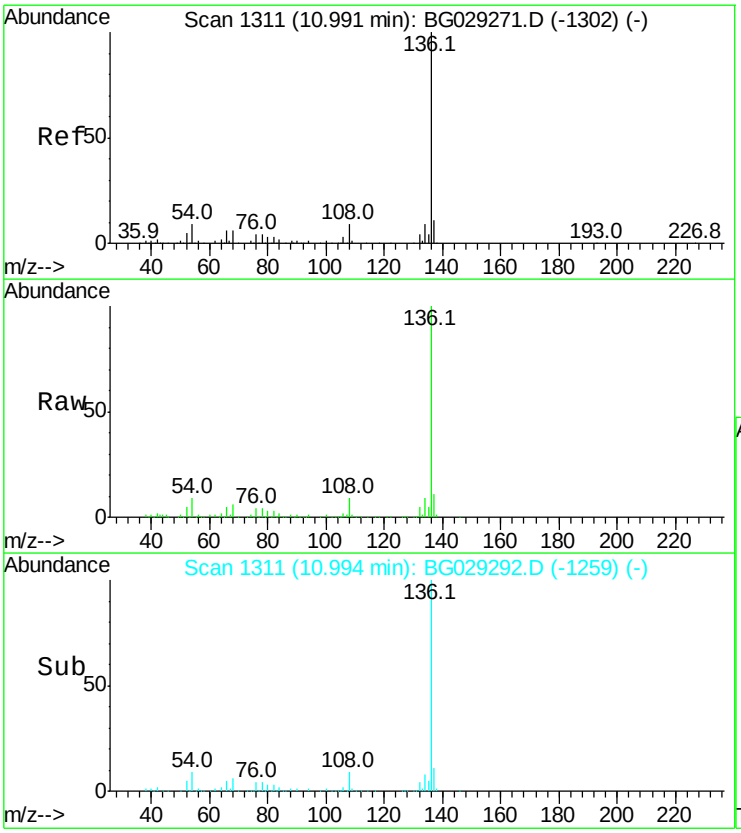
#20
3+4-Methylphenols
Concen: 219.169 ng
RT: 8.96 min Scan# 965
Delta R.T. 0.02 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:107 Resp: 1326901

Ion	Ratio	Lower	Upper
107	100		
108	93.4	61.6	101.6
77	38.1	13.9	53.9
79	35.5	8.8	48.8

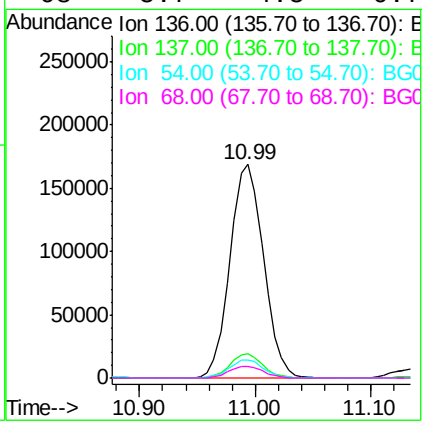


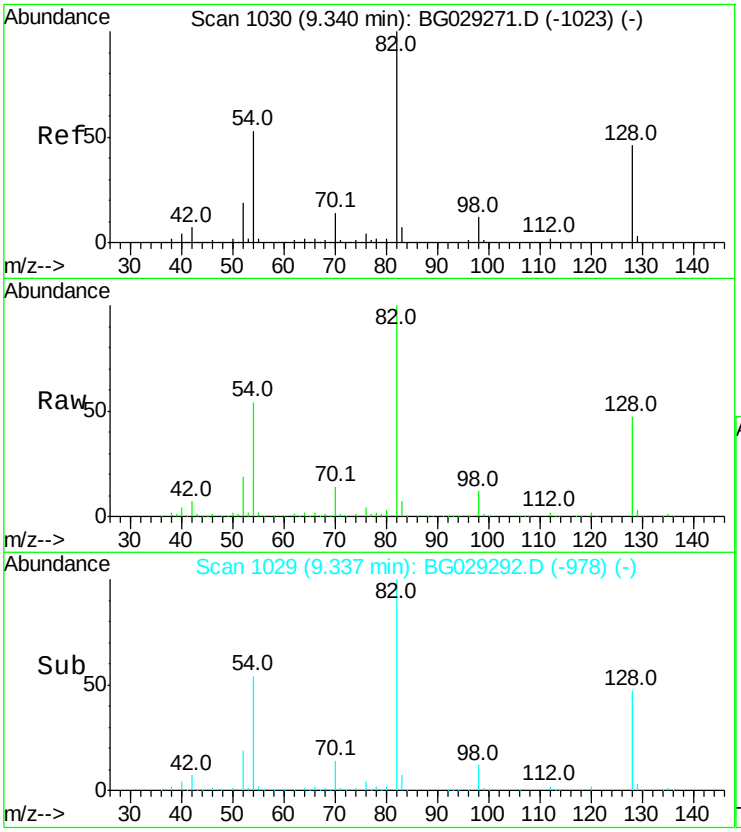


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:136 Resp: 340259

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.5	10.3	15.5#
68	5.7	4.5	6.7



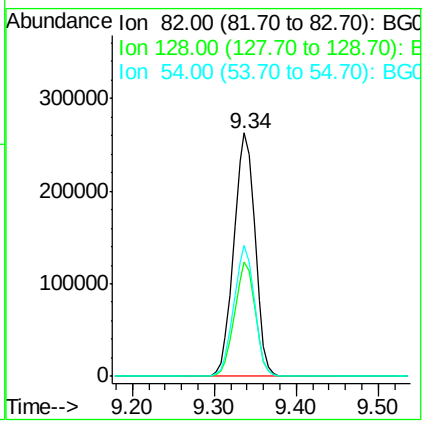


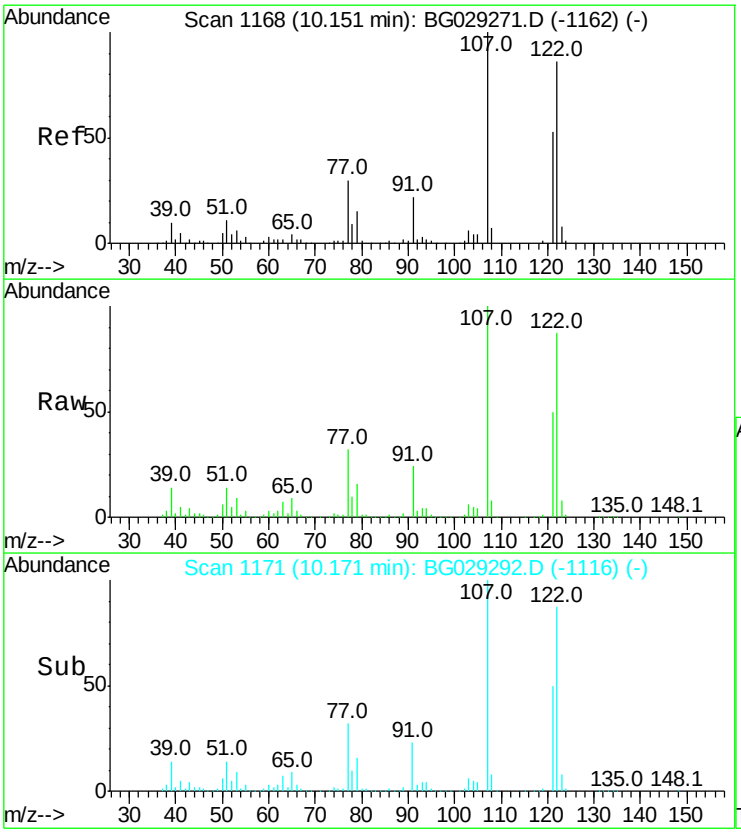
#23
Nitrobenzene-d5
Concen: 88.475 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion: 82 Resp: 473731

Ion	Ratio	Lower	Upper
82	100		
128	46.7	29.7	44.5#
54	53.9	43.1	64.7

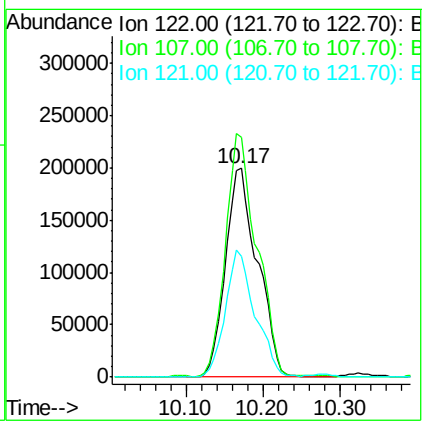


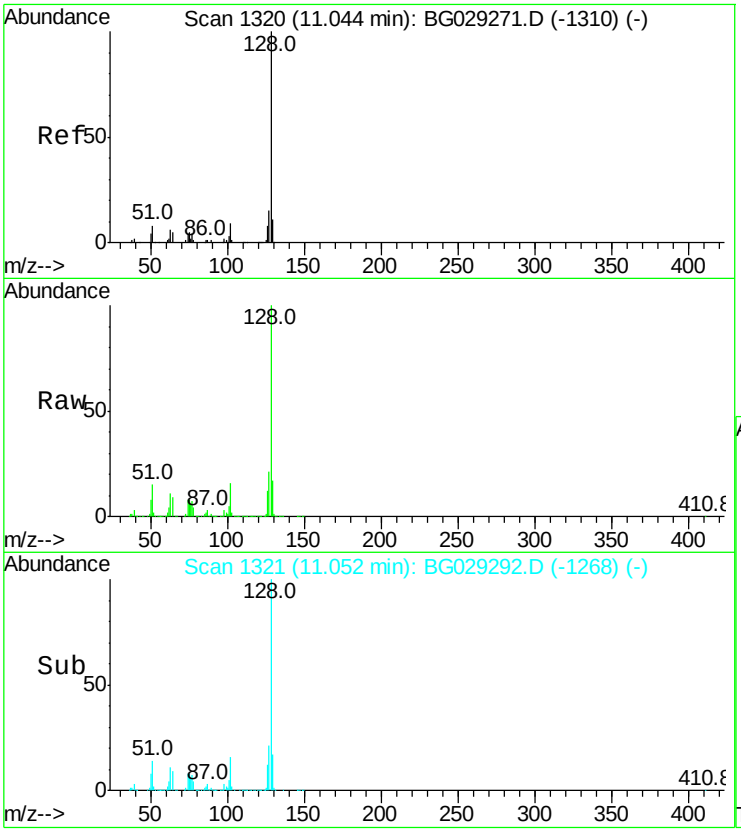


#27
2,4-Dimethylphenol
Concen: 111.815 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:122 Resp: 582105

Ion	Ratio	Lower	Upper
122	100		
107	115.2	100.2	150.2
121	57.5	44.4	66.6



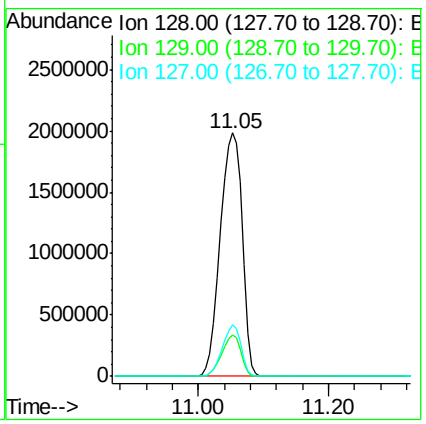


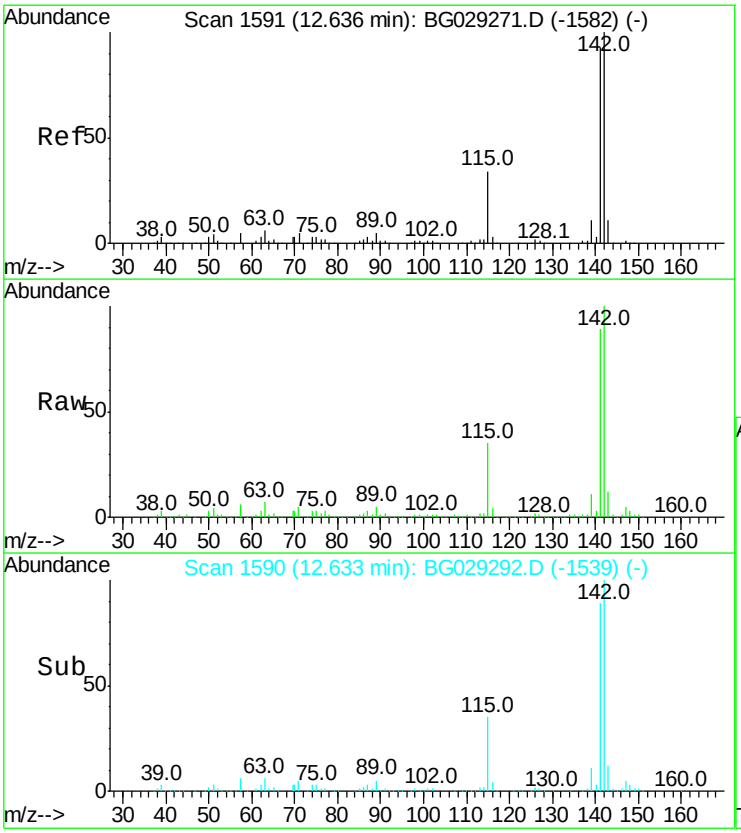
#31
Naphthalene
Concen: 273.351 ng
RT: 11.05 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:128 Resp: 4635447

Ion	Ratio	Lower	Upper
128	100		
129	16.9	8.6	12.8#
127	21.3	11.6	17.4#

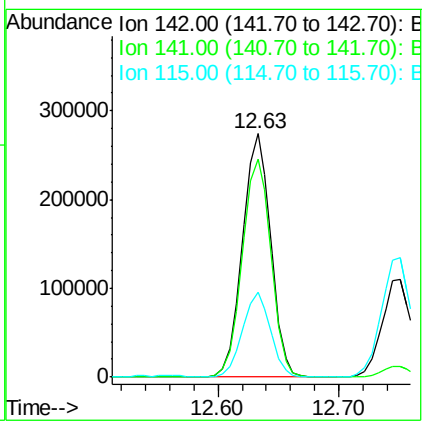


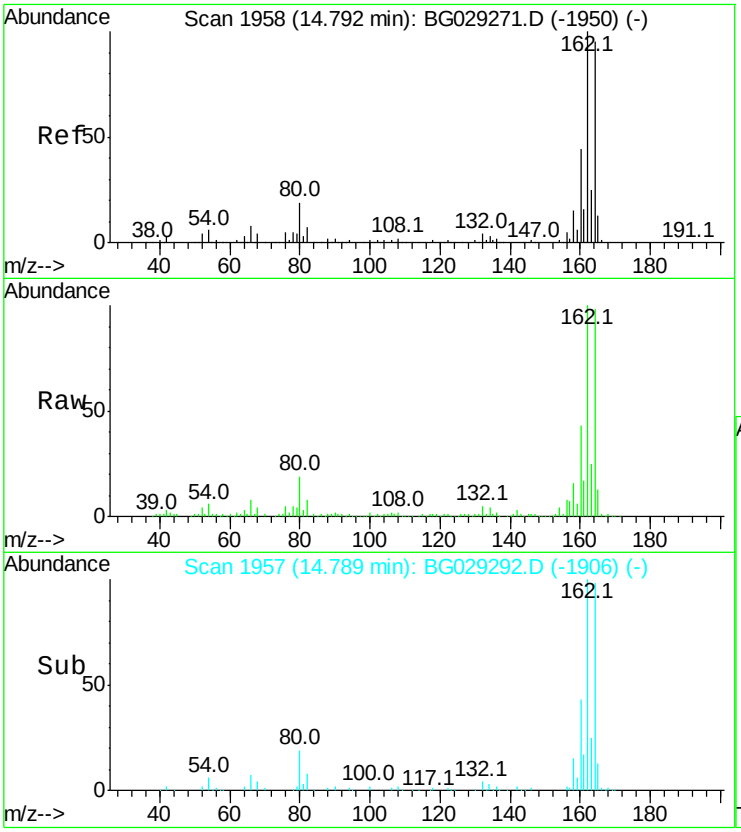


#37
2-Methylnaphthalene
Concen: 36.342 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:142 Resp: 449153

Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	34.7	30.7	46.1



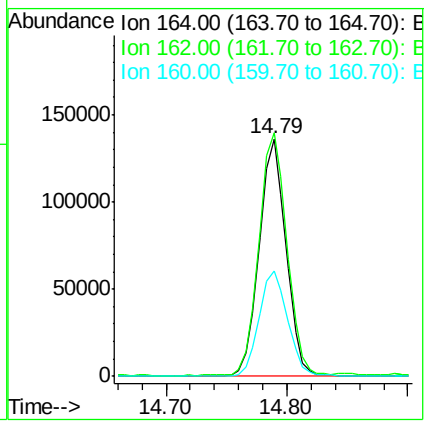


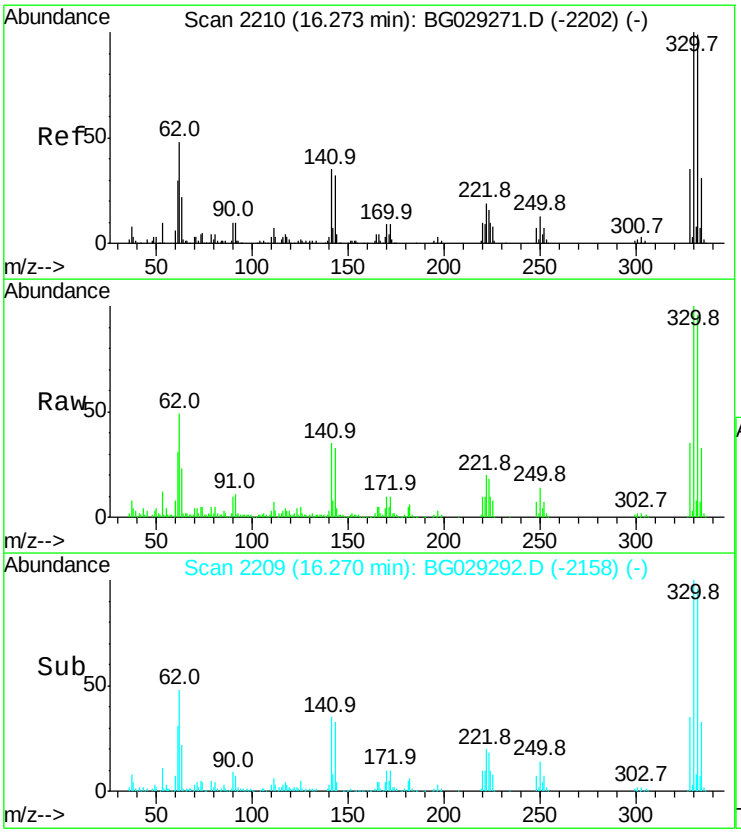
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:164 Resp: 209850

Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	44.5	35.4	53.0

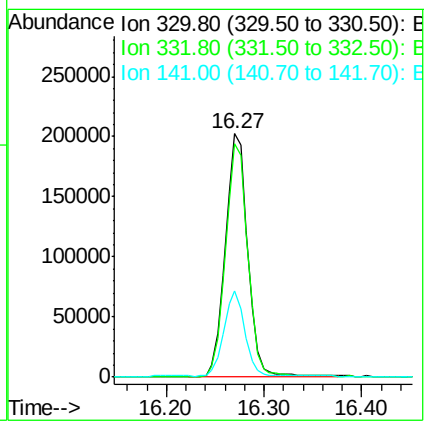


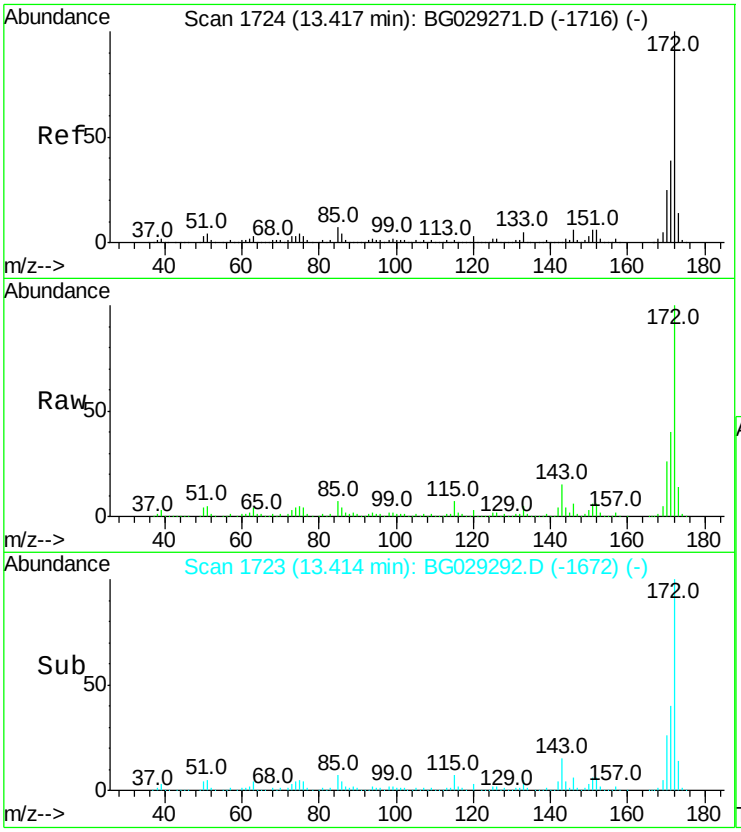


#41
2,4,6-Tribromophenol
Concen: 119.218 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:330 Resp: 323008

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.6	25.2	37.8



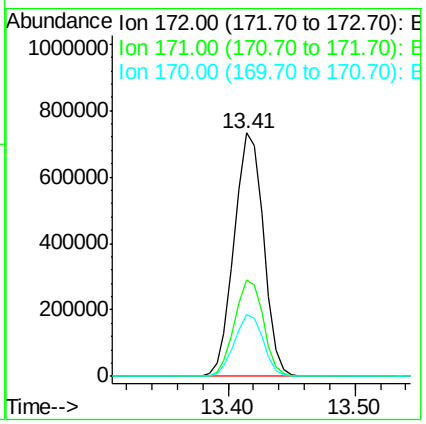


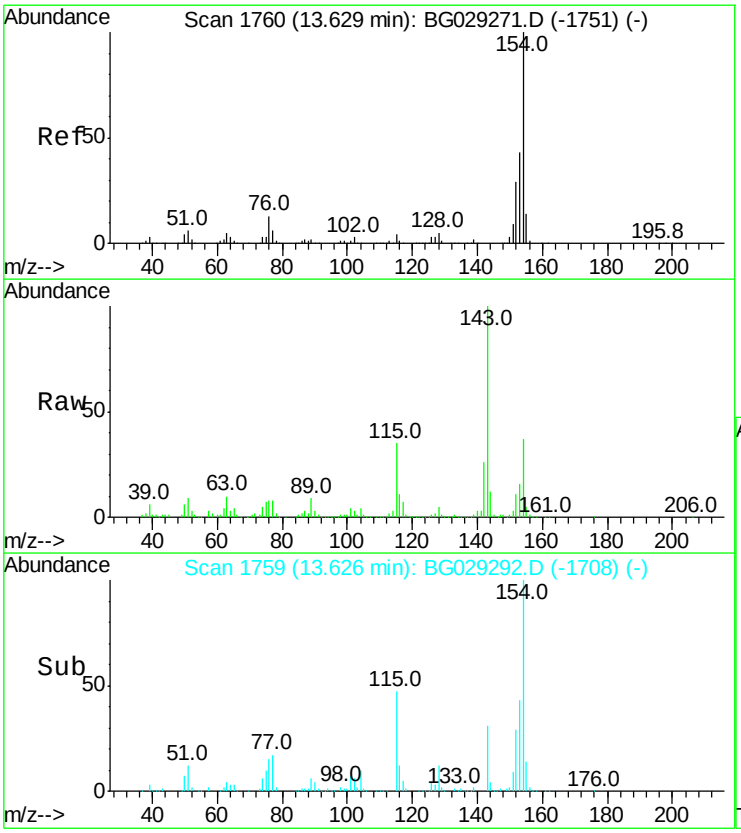
#44
2-Fluorobiphenyl
Concen: 82.013 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:172 Resp: 1173450

Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.6	19.5	29.3

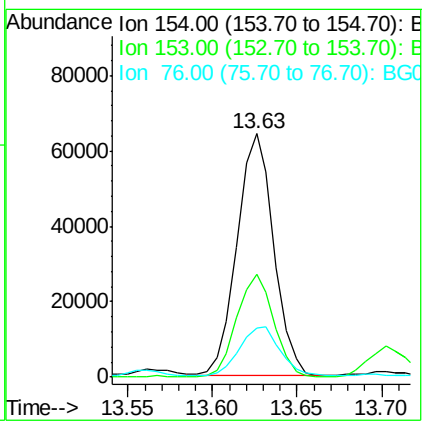


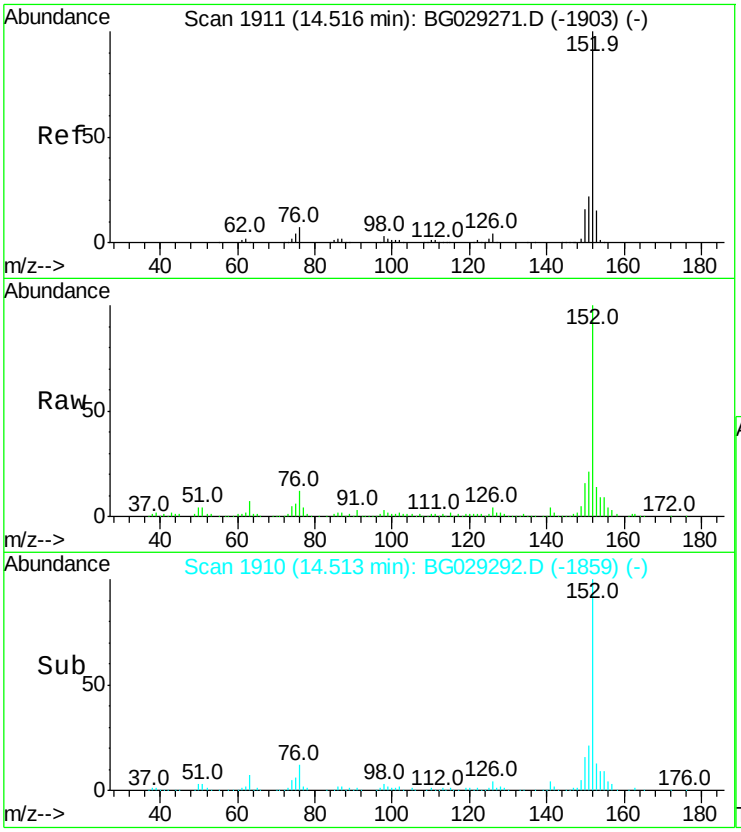


#45
1,1'-Biphenyl
Concen: 5.382 ng
RT: 13.63 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:154 Resp: 97079

Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	20.3	0.0	31.9



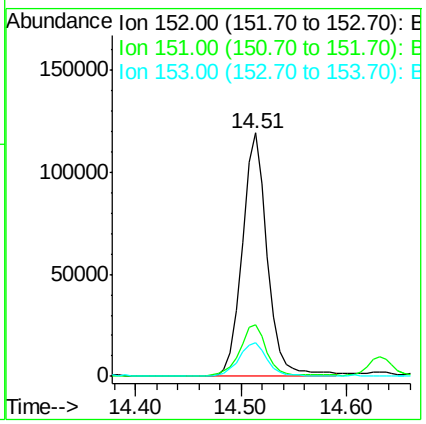


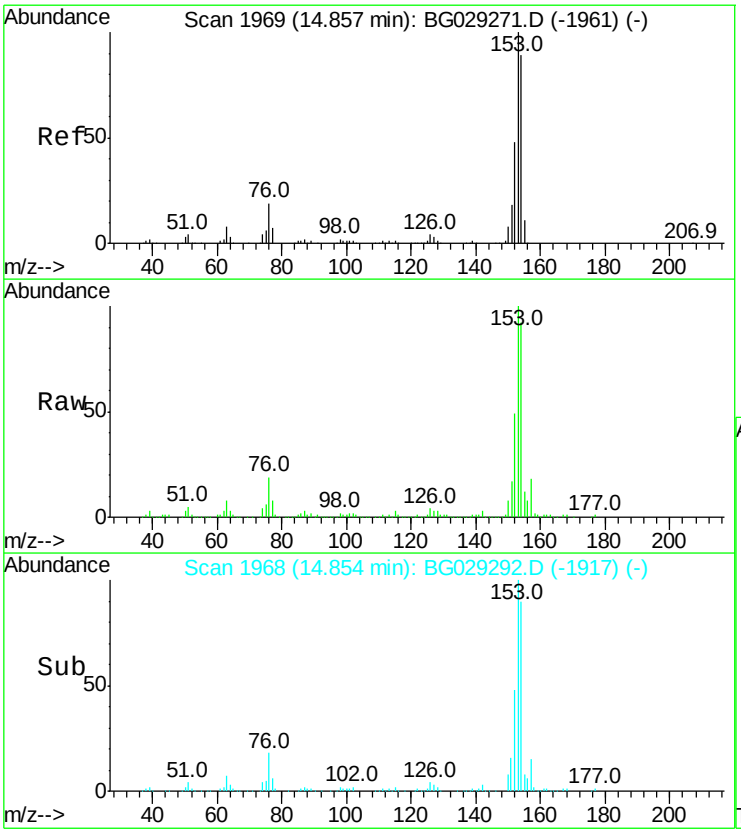
#48
Acenaphthylene
Concen: 9.560 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:152 Resp: 196850

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	14.0	10.2	15.4

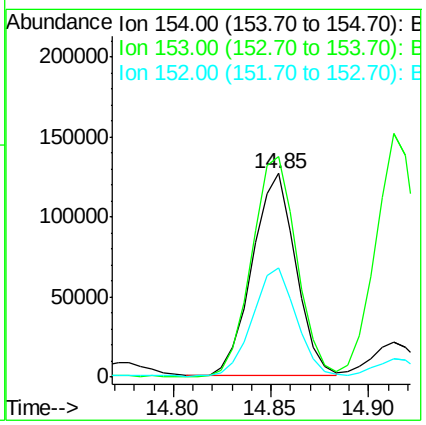


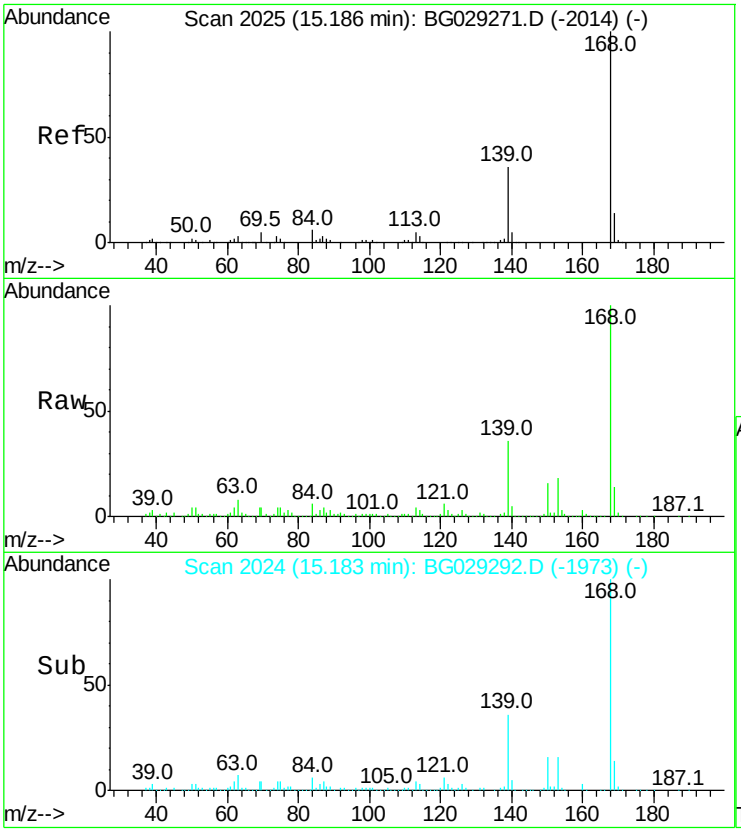


#51
Acenaphthene
Concen: 14.527 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:154 Resp: 194621

Ion	Ratio	Lower	Upper
154	100		
153	108.5	90.4	135.6
152	53.6	41.6	62.4



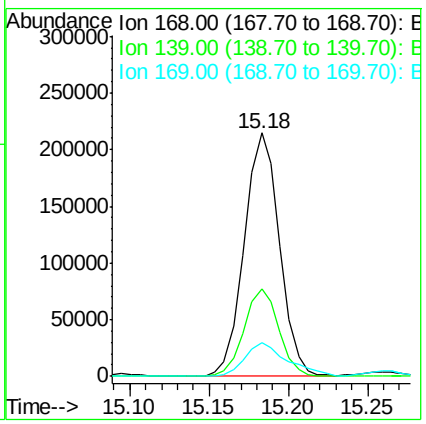


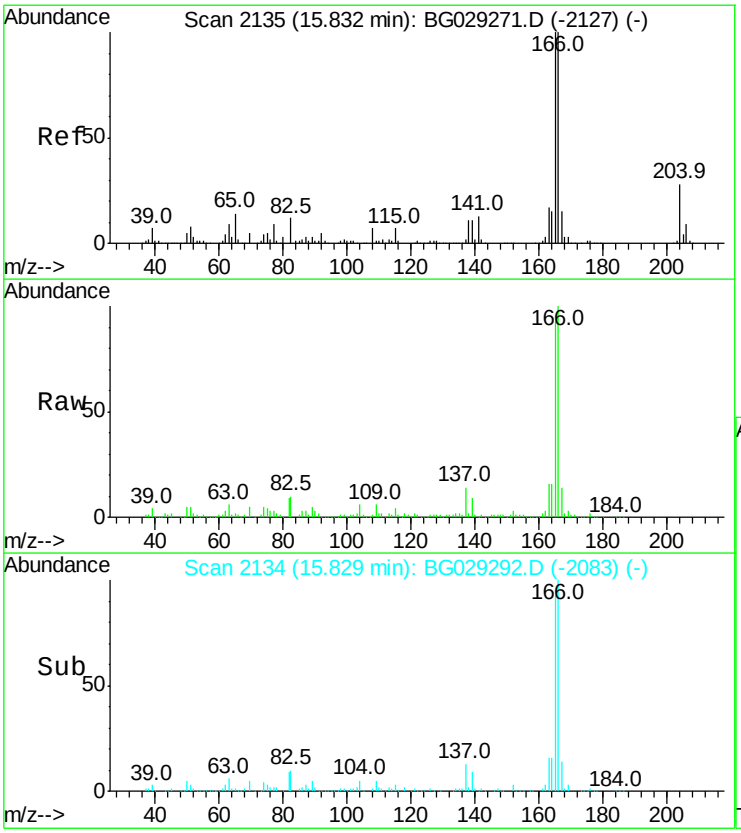
#54
Dibenzofuran
Concen: 17.282 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:168 Resp: 330523

Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.6	43.0
169	13.7	11.2	16.8

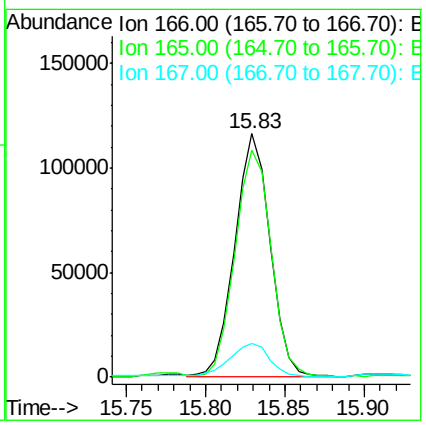


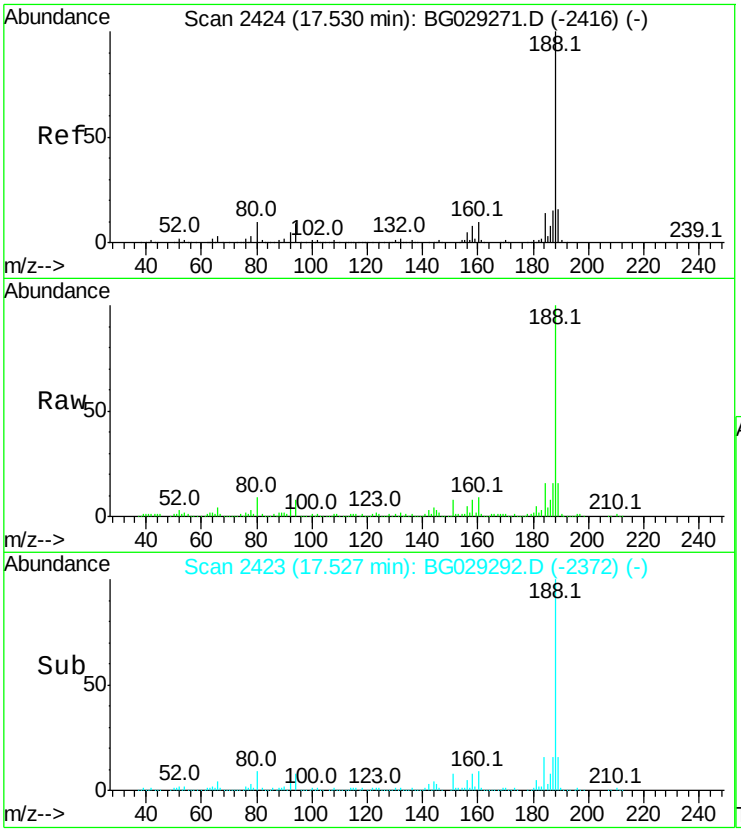


#57
Fluorene
Concen: 11.307 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:166 Resp: 178650

Ion	Ratio	Lower	Upper
166	100		
165	93.2	80.6	121.0
167	14.0	10.4	15.6



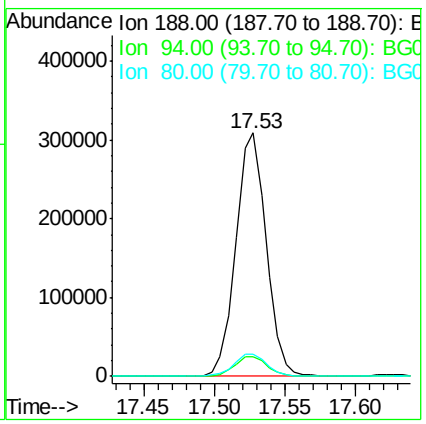


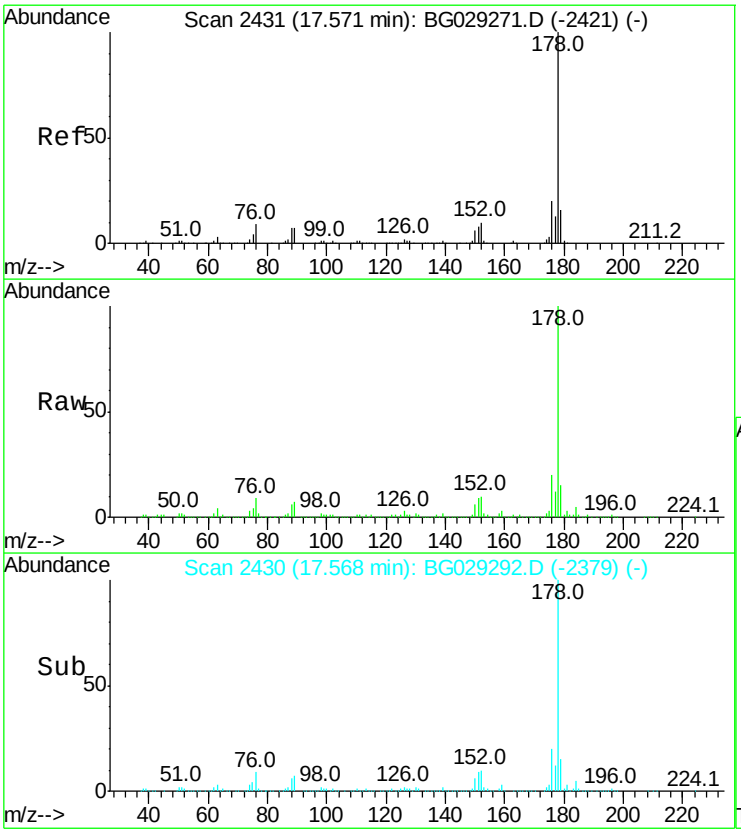
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:188 Resp: 464650

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.3	7.7	11.5

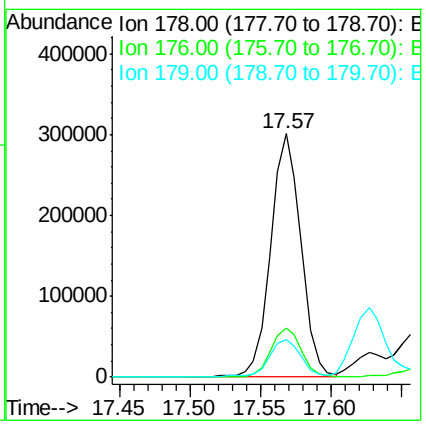


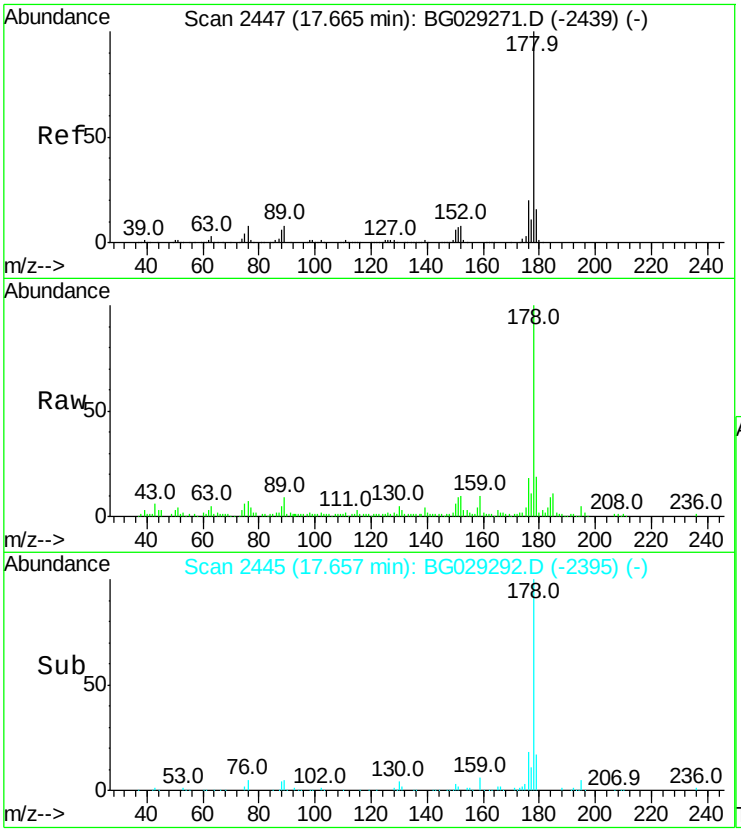


#70
Phenanthrene
Concen: 18.691 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:178 Resp: 448664

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	15.4	12.5	18.7



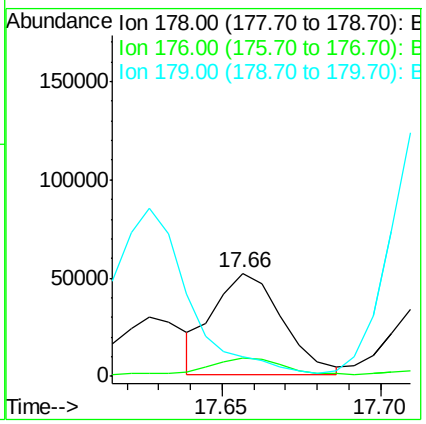


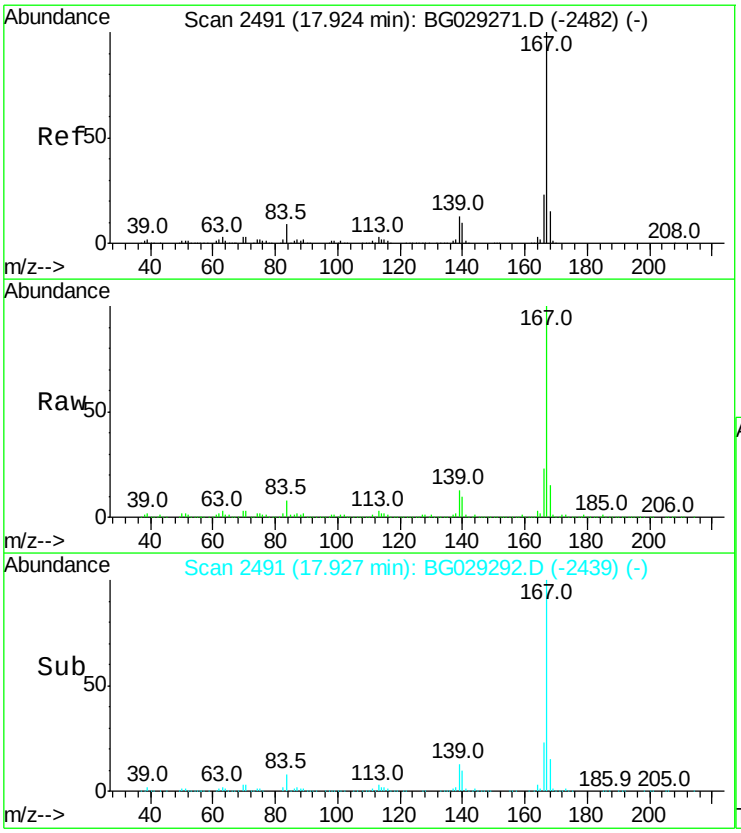
#71
Anthracene
Concen: 3.220 ng
RT: 17.66 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:178 Resp: 77611

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.0	24.0
179	18.7	12.5	18.7

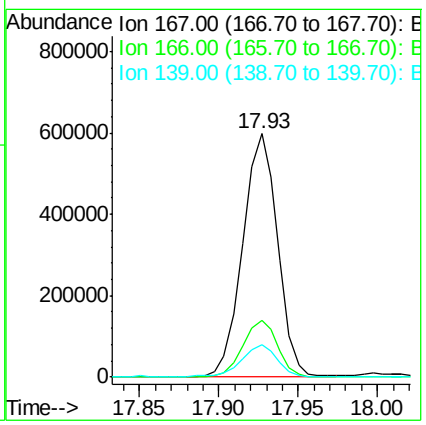


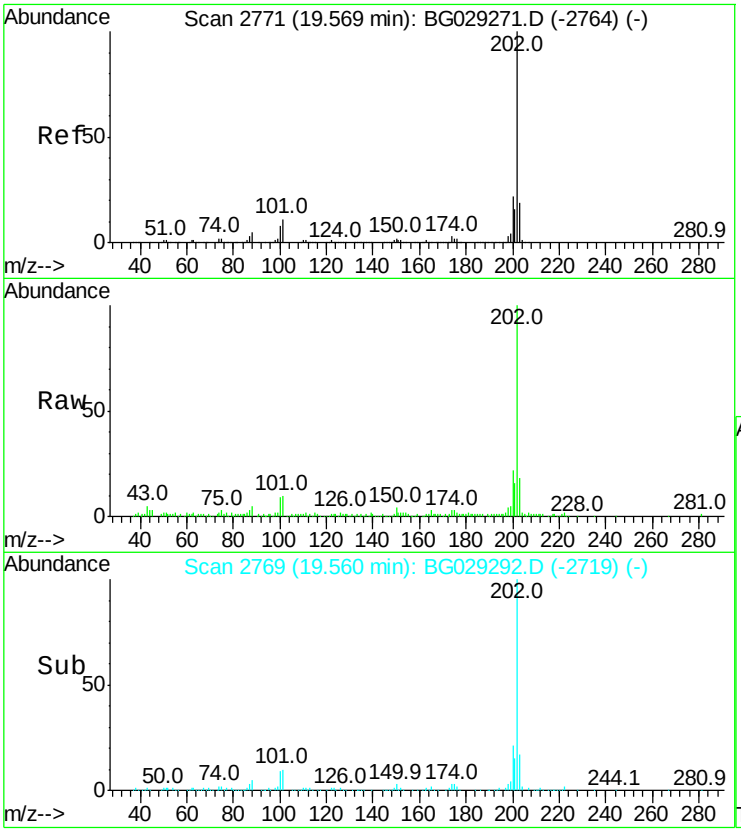


#72
Carbazole
Concen: 39.293 ng
RT: 17.93 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:167 Resp: 909788

Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	13.3	9.4	14.2



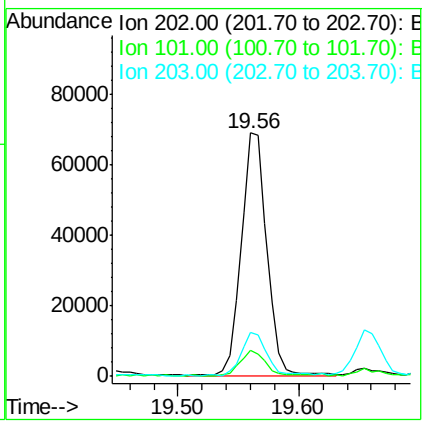


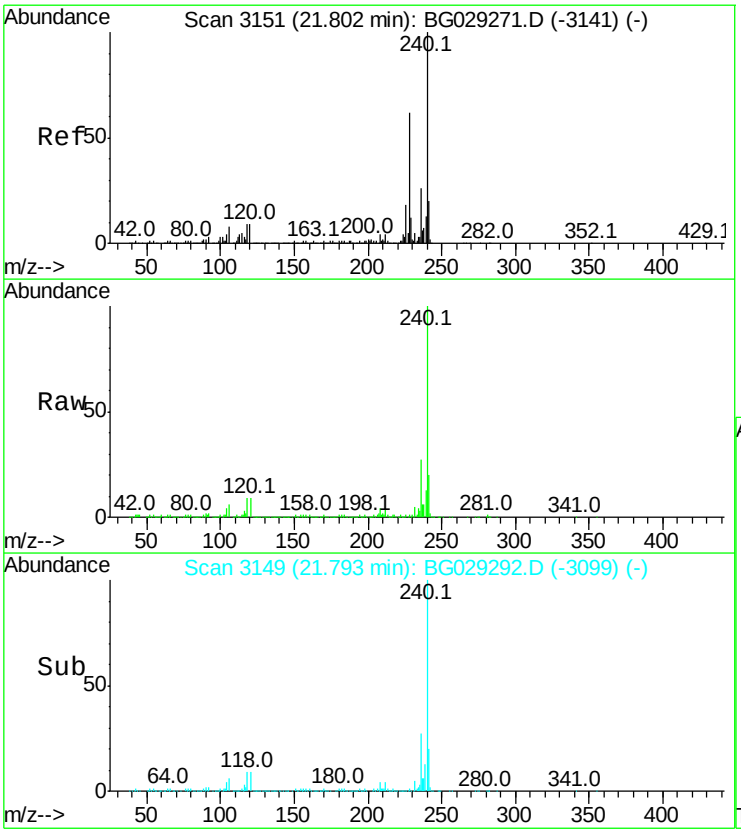
#74
Fluoranthene
Concen: 3.619 ng
RT: 19.56 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:202 Resp: 101599

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	28.9
203	17.8	0.0	37.5

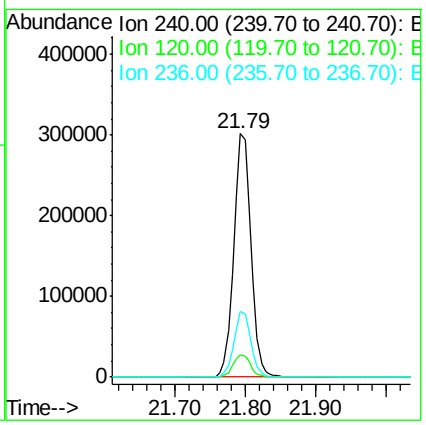


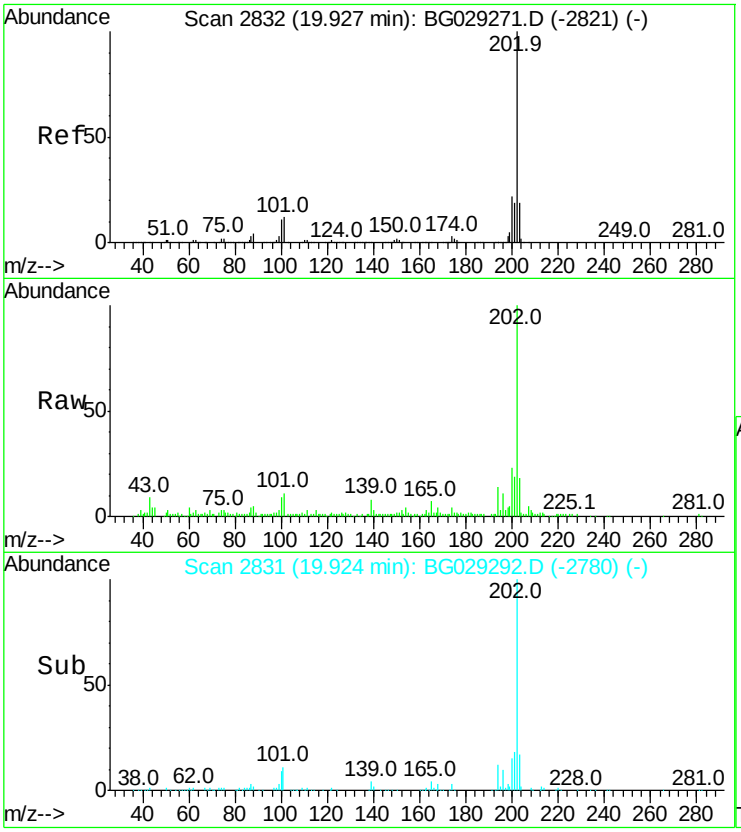


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:240 Resp: 508922

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.8	10.2
236	27.0	20.9	31.3



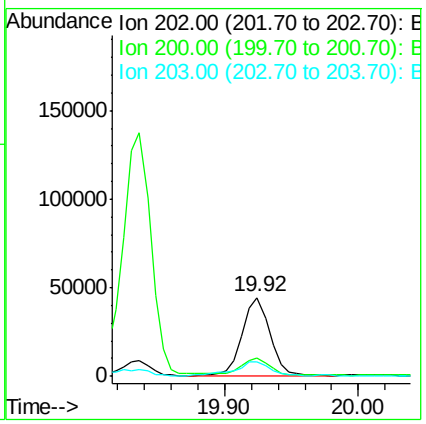


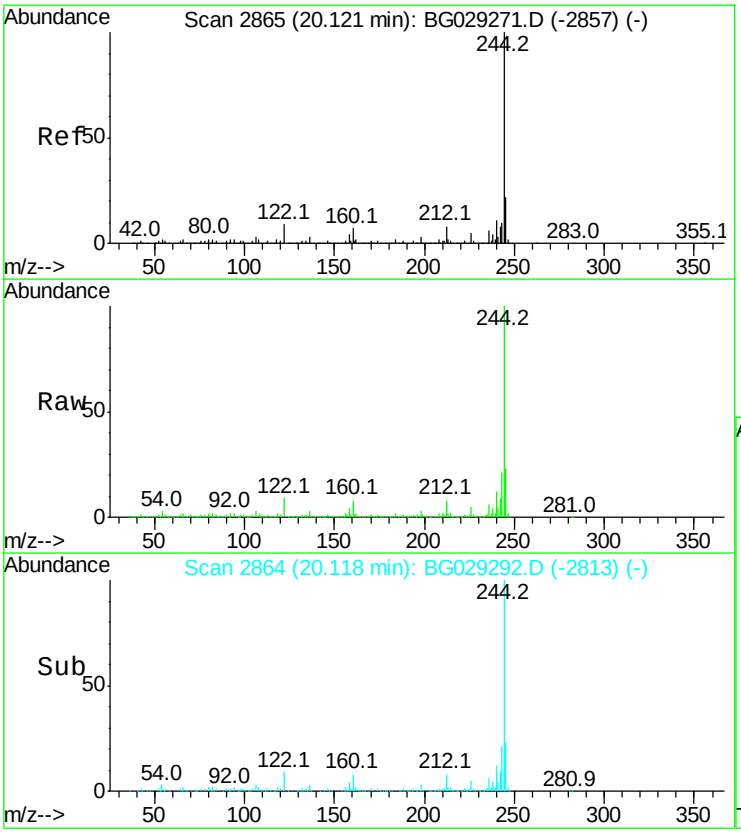
#77
Pyrene
Concen: 2.037 ng
RT: 19.92 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:202 Resp: 62892

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.9	25.3
203	17.7	13.9	20.9

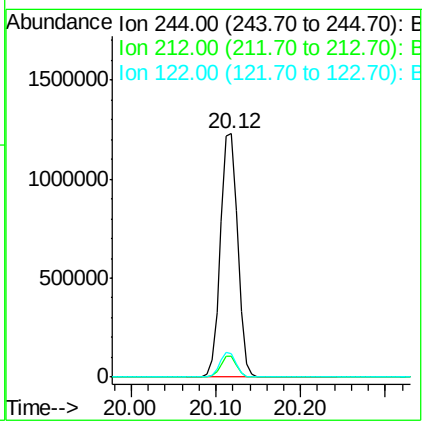


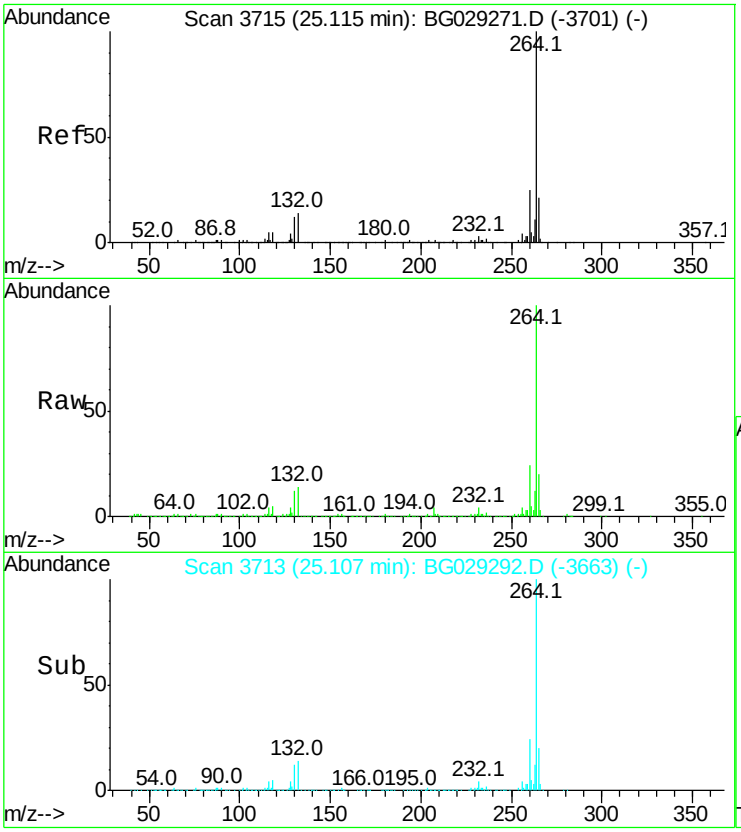


#78
Terphenyl-d14
Concen: 77.684 ng
RT: 20.12 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:244 Resp: 1737862

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	9.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03

Tgt Ion:264 Resp: 521559

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	20.4	17.7	26.5