Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029298.D
Acq On : 17 Oct 2017 8:39
Operator : SJ/JU
Sample : I5906-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WH-TWS-09

Quant Time: Oct 17 15:02:00 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	69808	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	340550	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	215725	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	475352	20.00	ng		0.00
75) Chrysene-d12	21.80	240	515136	20.00	ng		0.00
86) Perylene-d12	25.10	264	518448	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	536621	128.42	ng		0.00
7) Phenol-d6	7.32	99	694119	118.34	ng		0.00
23) Nitrobenzene-d5	9.33	82	526405	98.23	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	375281	134.74	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1323644	89.99	ng		0.00
78) Terphenyl-d14	20.12	244	1780304	78.62	ng		0.00
Target Compounds							Qvalue
20) 3+4-Methylphenols	8.94	107	16835	2.844	ng	#	77
31) Naphthalene	11.04	128	194737	11.474	ng		99
32) Benzoic acid	10.22	122	18065	4.141	ng		91
37) 2-Methylnaphthalene	12.63	142	105571	8.535	ng		93
48) Acenaphthylene	14.51	152	53881	2.545	ng	#	96
51) Acenaphthene	14.85	154	136752	9.930	ng		95
54) Dibenzofuran	15.19	168	236592	12.034	ng		98
57) Fluorene	15.83	166	115549	7.114	ng		85
70) Phenanthrene	17.57	178	419862	17.098	ng		99
71) Anthracene	17.66	178	142843	5.793	ng		98
72) Carbazole	17.92	167	389573	16.447	ng		99
74) Fluoranthene	19.56	202	100849	3.511	ng		97
77) Pyrene	19.92	202	64168	2.053	ng		96

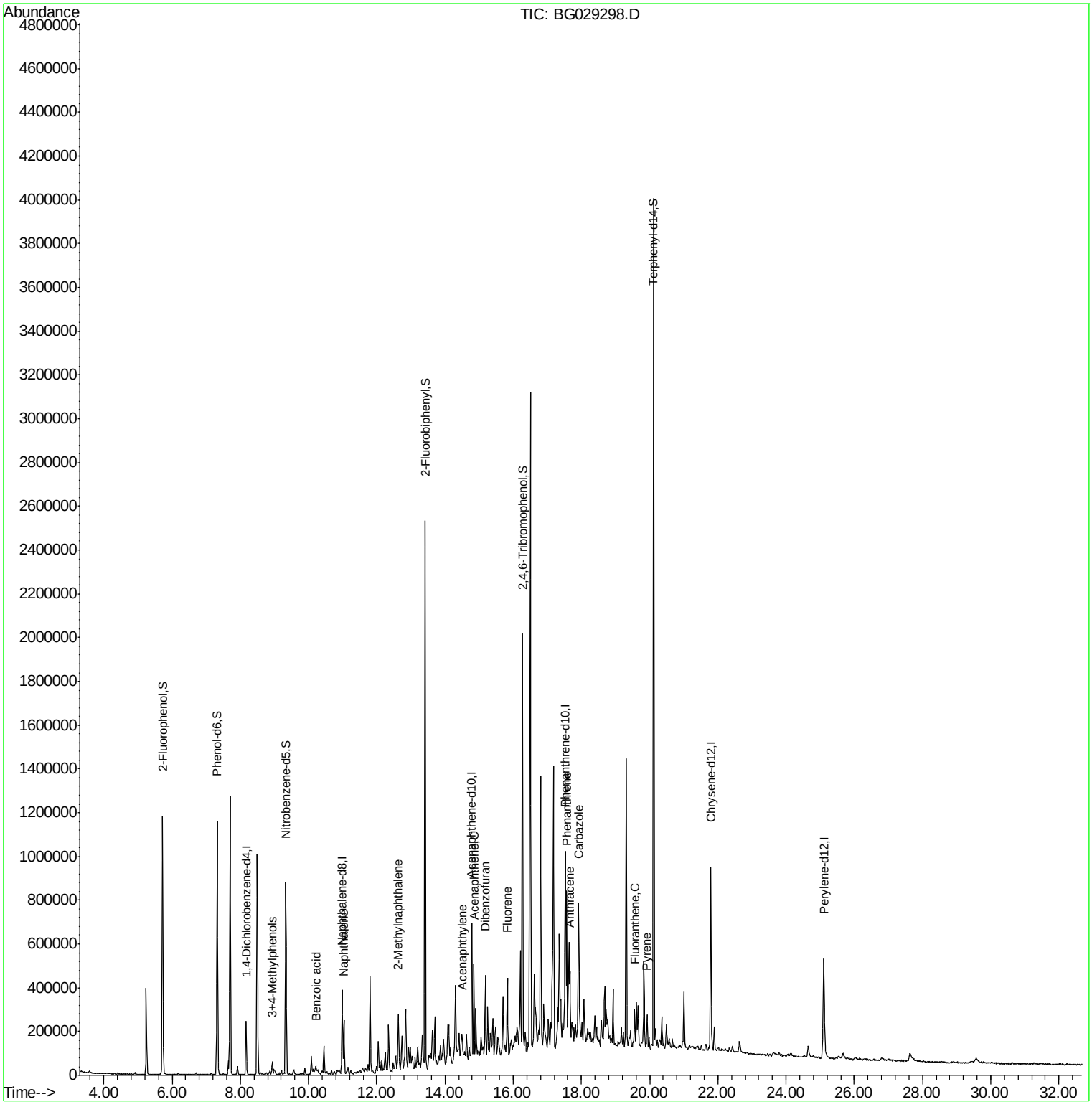
(#) = qualifier out of range (m) = manual integration (+) = signals summed

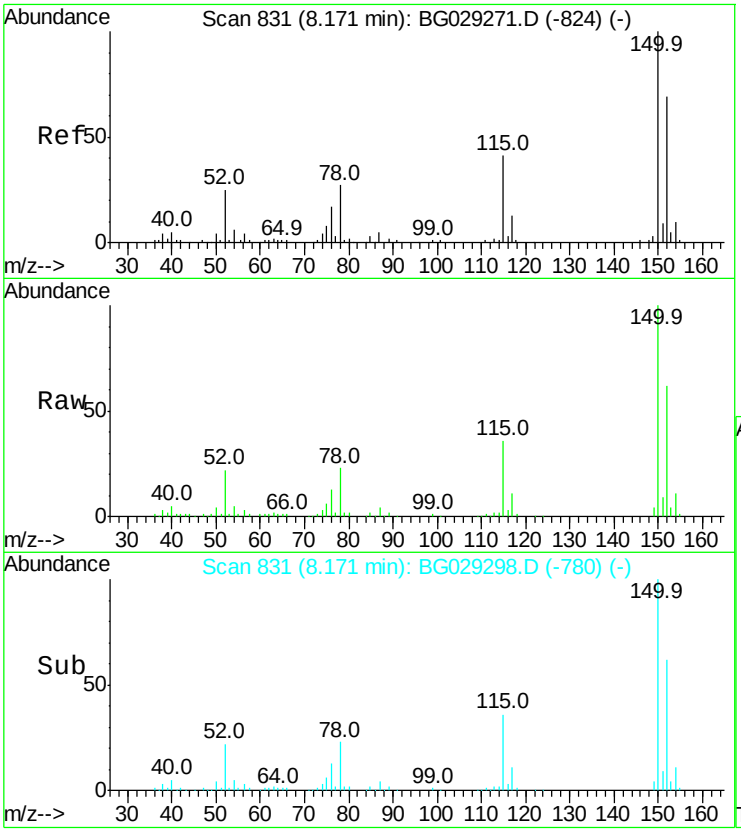
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029298.D
Acq On : 17 Oct 2017 8:39
Operator : SJ/JU
Sample : I5906-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Quant Time: Oct 17 15:02:00 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



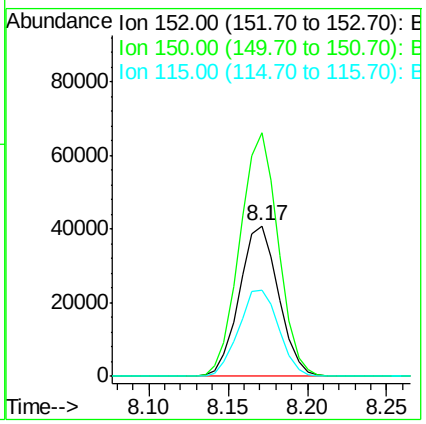


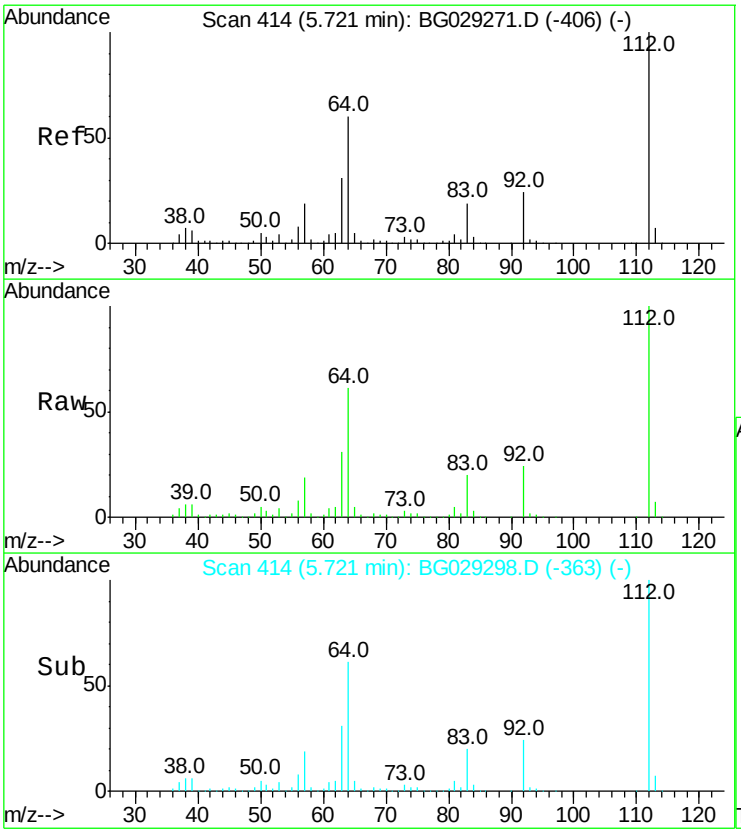
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:152 Resp: 69808

Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.6	189.8
115	57.7	53.0	79.4

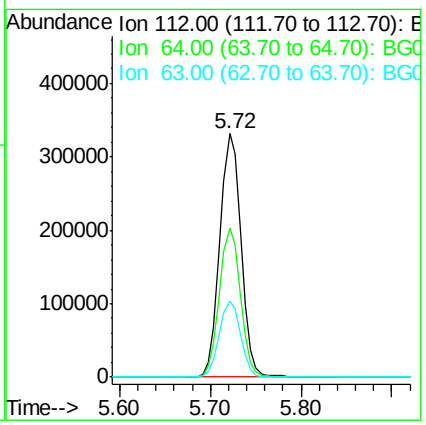


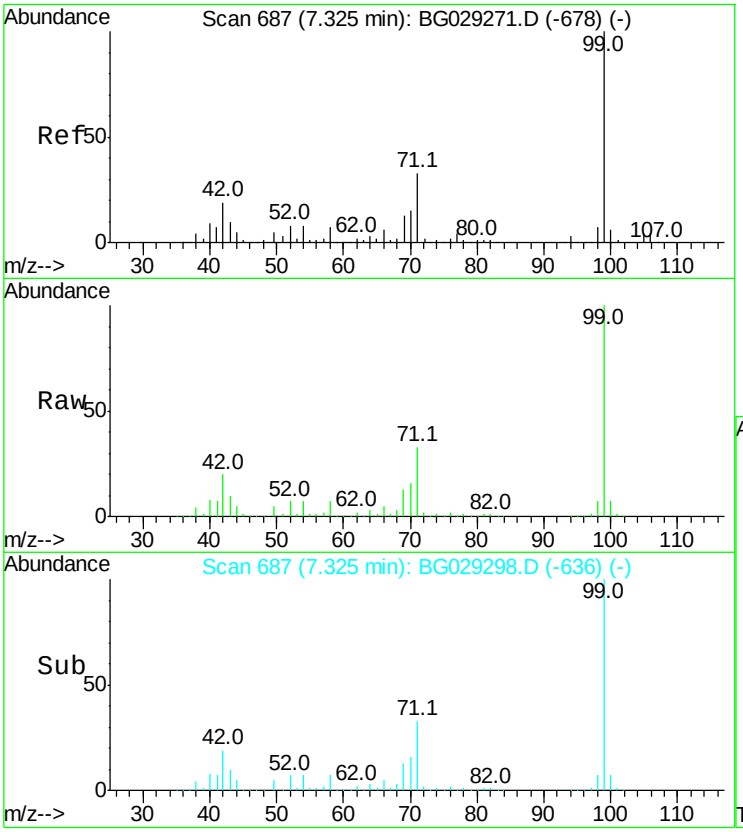


#5
2-Fluorophenol
Concen: 128.417 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:112 Resp: 536621

Ion	Ratio	Lower	Upper
112	100		
64	60.9	56.3	84.5
63	31.4	30.1	45.1



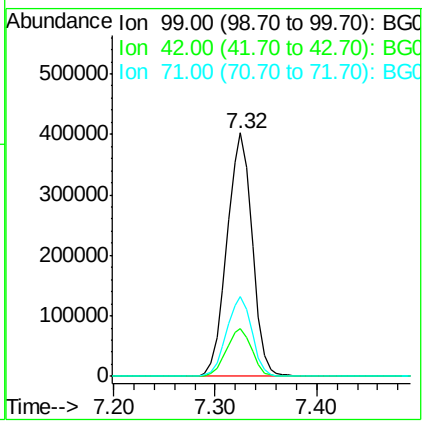


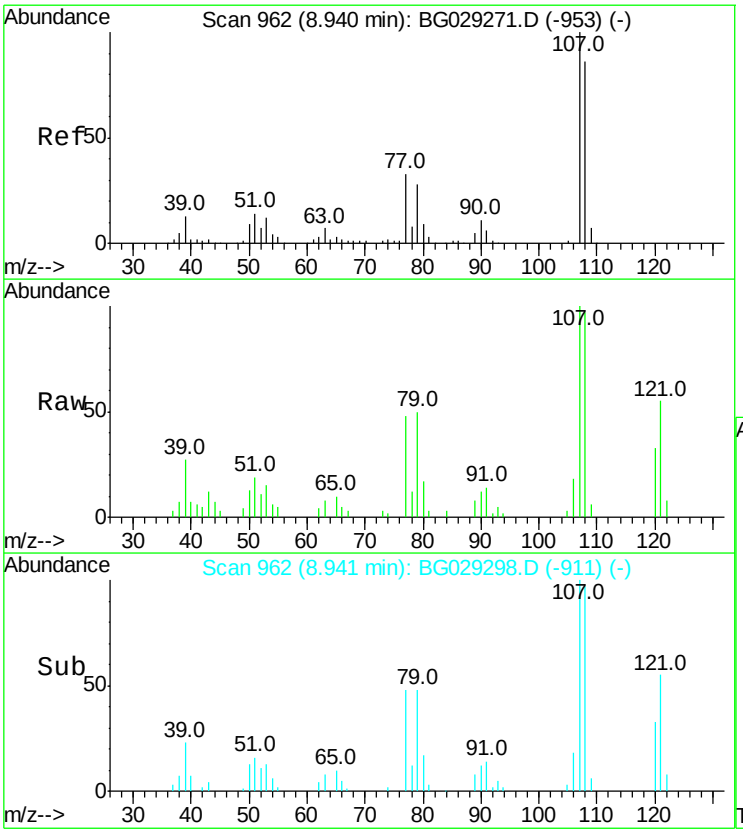
#7
Phenol-d6
Concen: 118.339 ng
RT: 7.32 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion: 99 Resp: 694119

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	32.6	26.1	39.1

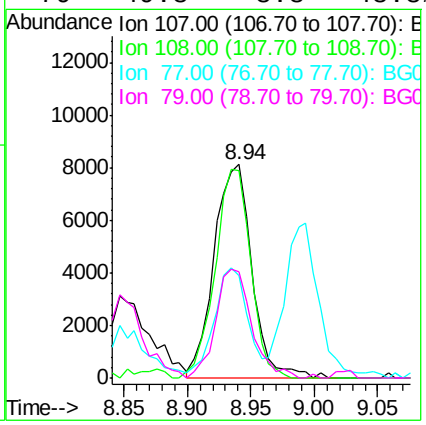


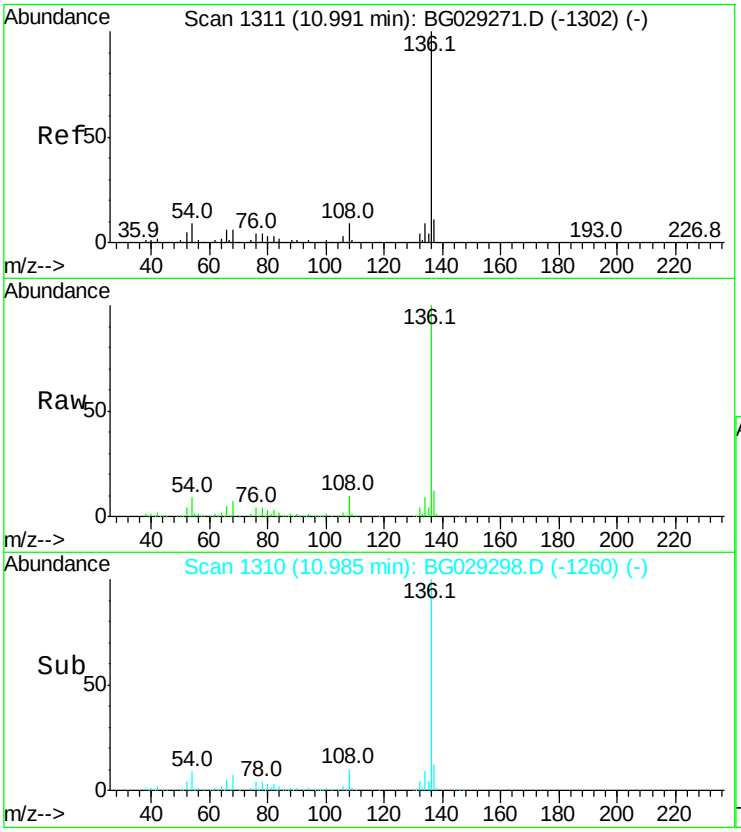


#20
3+4-Methylphenols
Concen: 2.844 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:107 Resp: 16835

Ion	Ratio	Lower	Upper
107	100		
108	96.9	61.6	101.6
77	47.9	13.9	53.9
79	49.8	8.8	48.8#



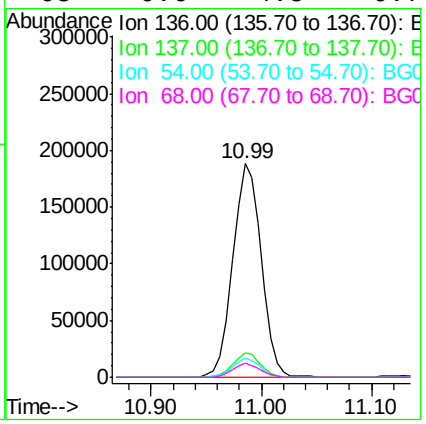


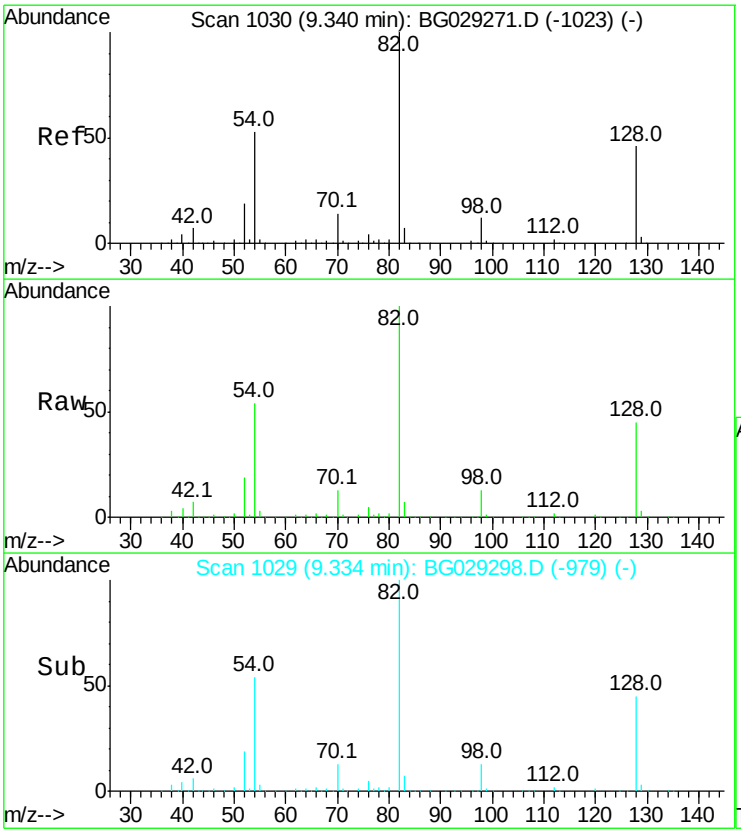
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:136 Resp: 340550

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	8.8	10.3	15.5#
68	6.6	4.5	6.7

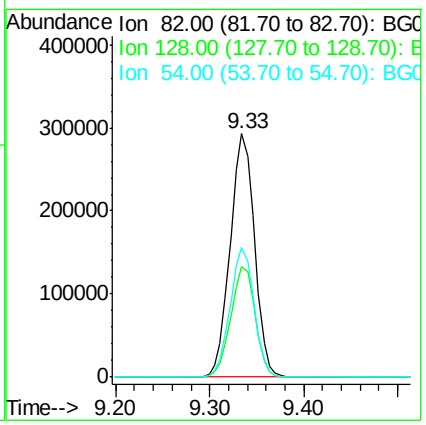


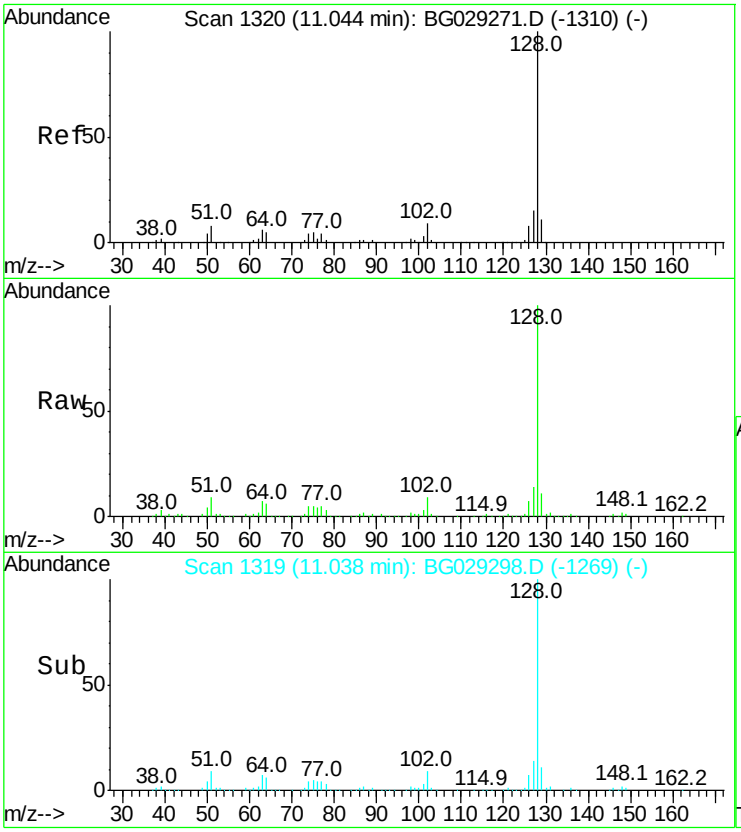


#23
Nitrobenzene-d5
Concen: 98.228 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion: 82 Resp: 526405

Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	53.5	43.1	64.7



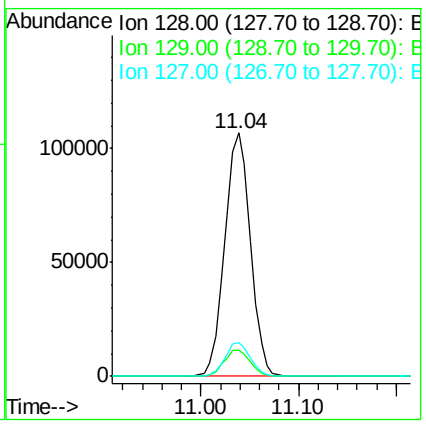


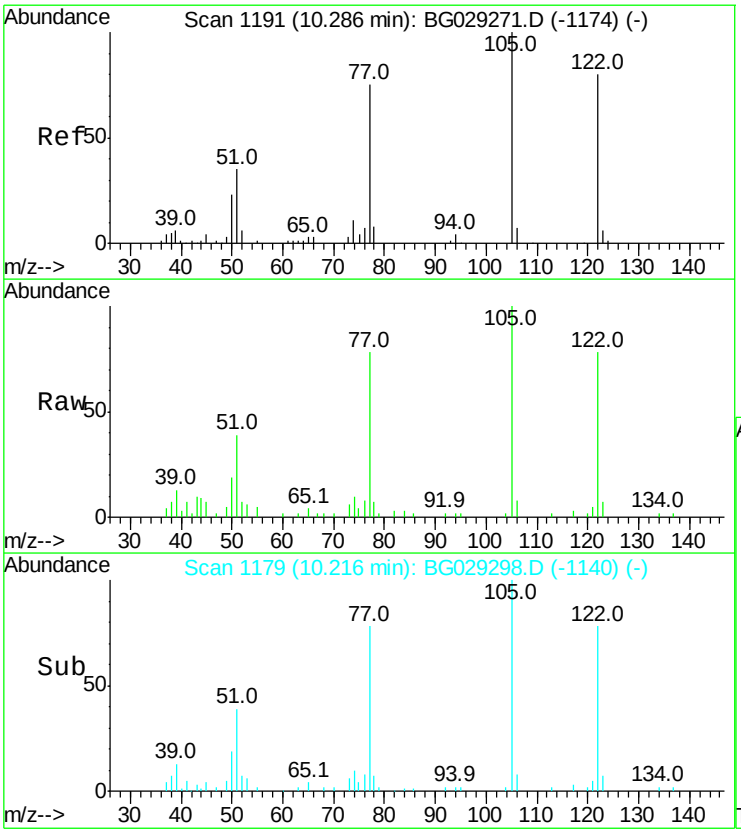
#31
Naphthalene
Concen: 11.474 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:128 Resp: 194737

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.6	11.6	17.4

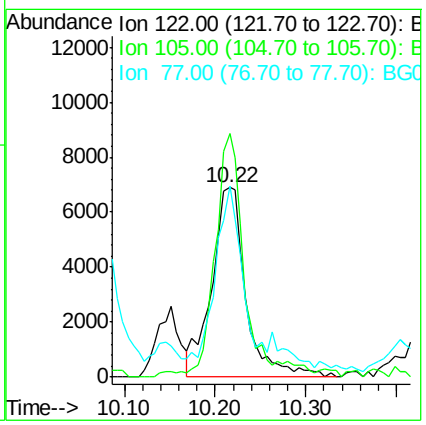


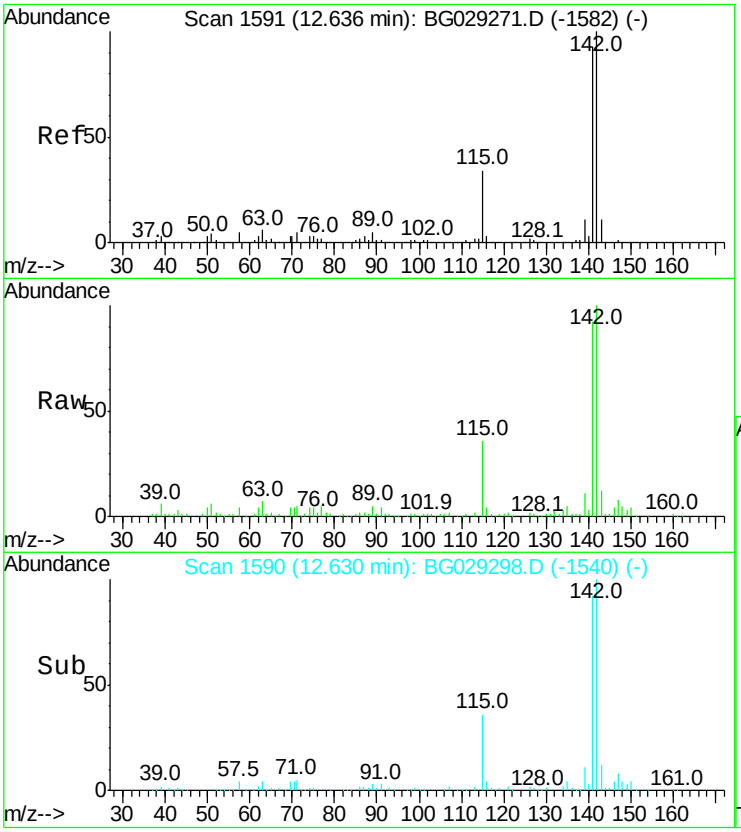


#32
Benzoic acid
Concen: 4.141 ng
RT: 10.22 min Scan# 1179
Delta R.T. -0.07 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:122 Resp: 18065

Ion	Ratio	Lower	Upper
122	100		
105	128.6	123.5	163.5
77	100.7	85.7	125.7



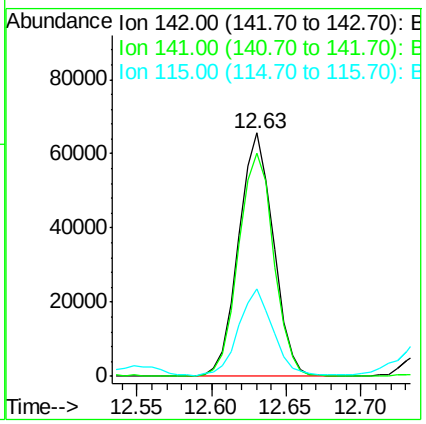


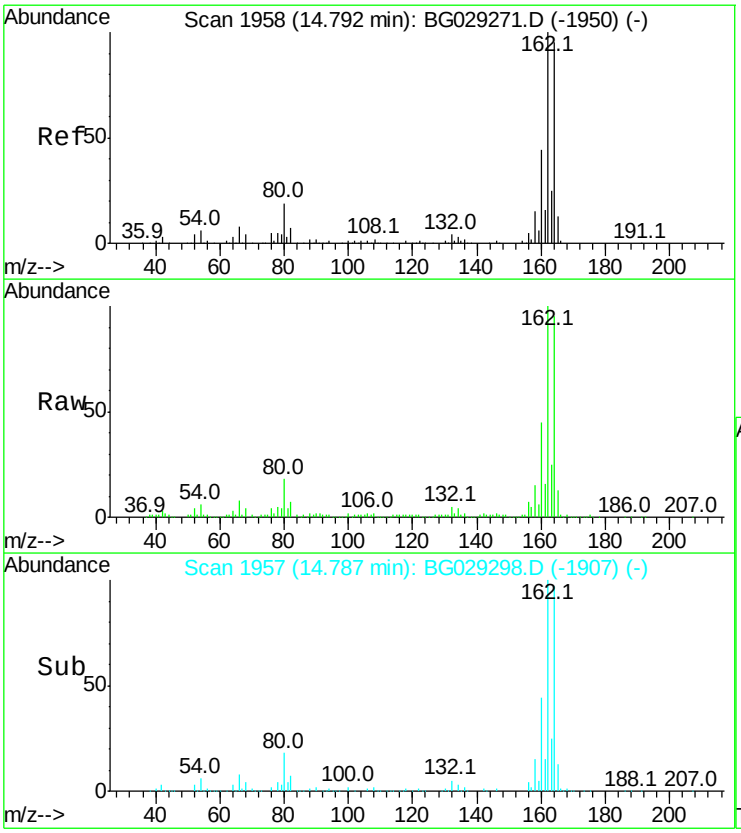
#37
2-Methylnaphthalene
Concen: 8.535 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:142 Resp: 105571

Ion	Ratio	Lower	Upper
142	100		
141	91.6	67.1	100.7
115	35.9	30.7	46.1

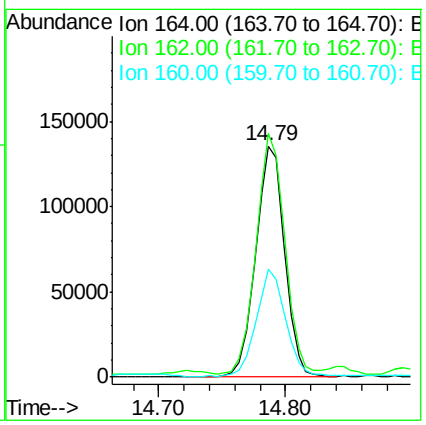


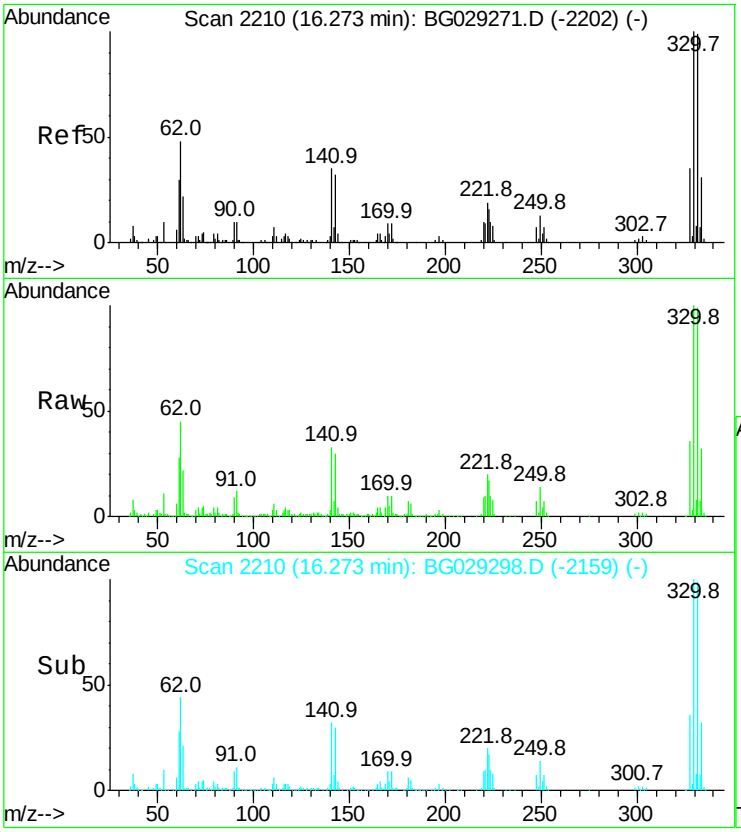


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:164 Resp: 215725

Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	46.8	35.4	53.0



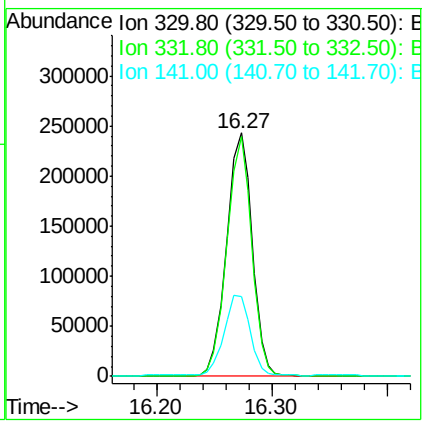


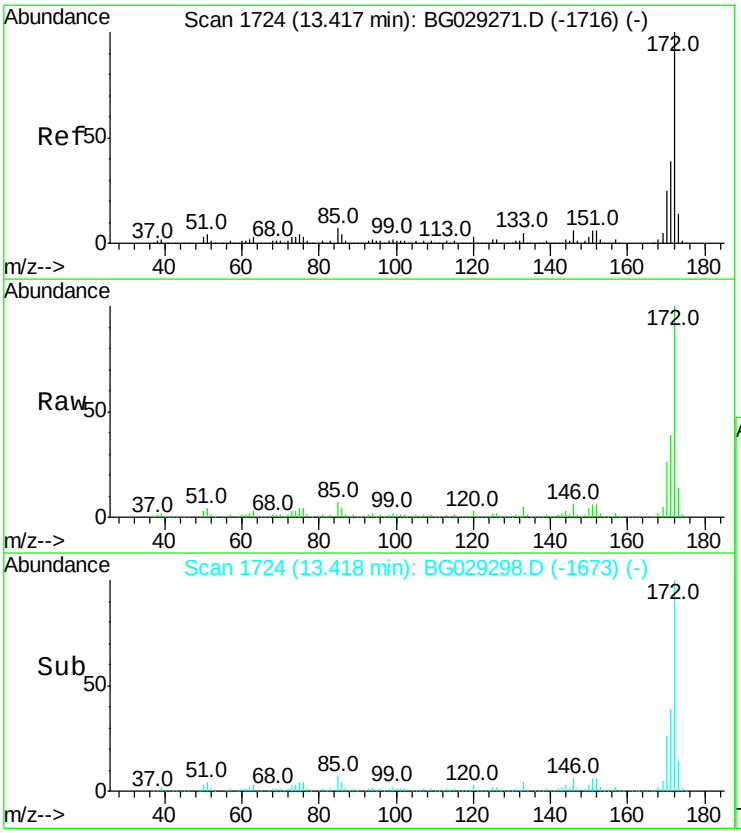
#41
2,4,6-Tribromophenol
Concen: 134.740 ng
RT: 16.27 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:330 Resp: 375281

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.0	25.2	37.8

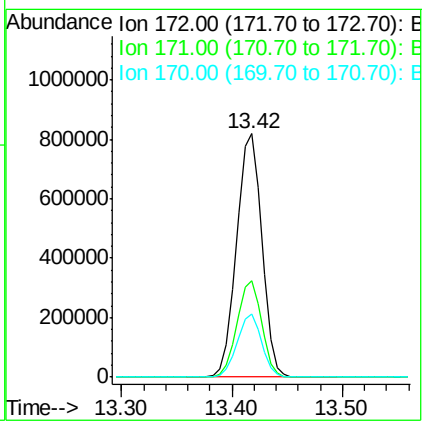


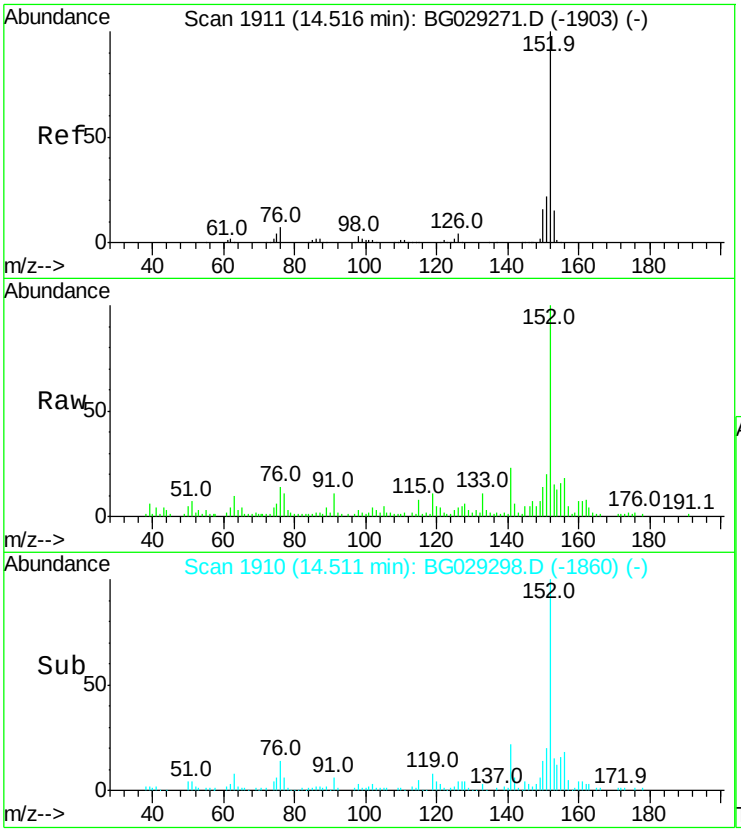


#44
2-Fluorobiphenyl
Concen: 89.991 ng
RT: 13.42 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:172 Resp: 1323644

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.0	45.0
170	26.0	19.5	29.3



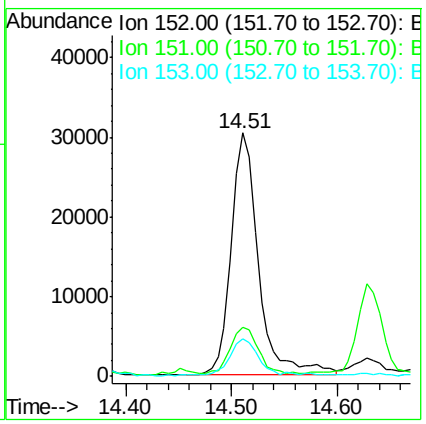


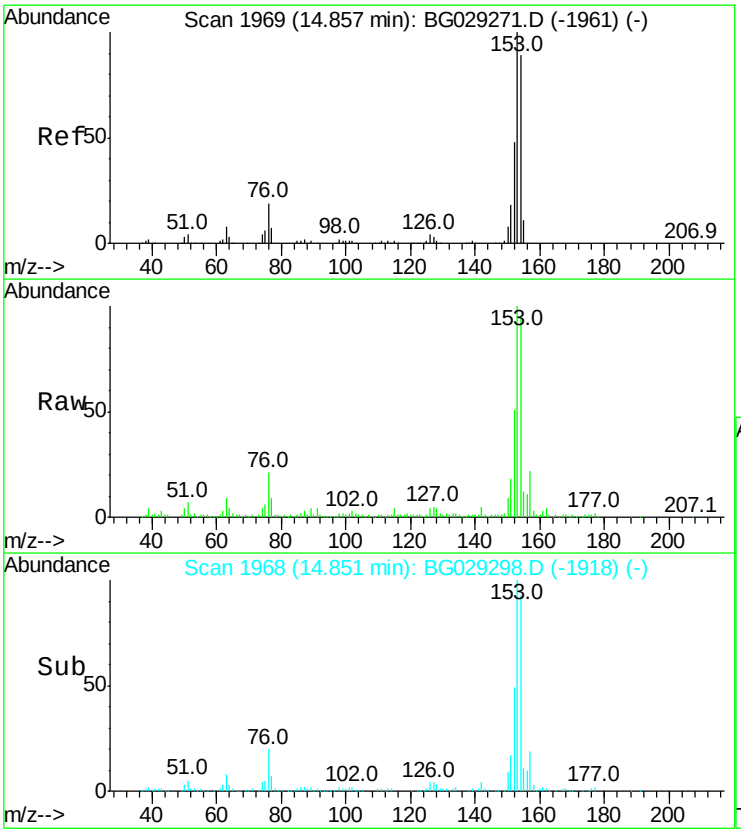
#48
Acenaphthylene
Concen: 2.545 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:152 Resp: 53881

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.2	25.8
153	15.4	10.2	15.4#

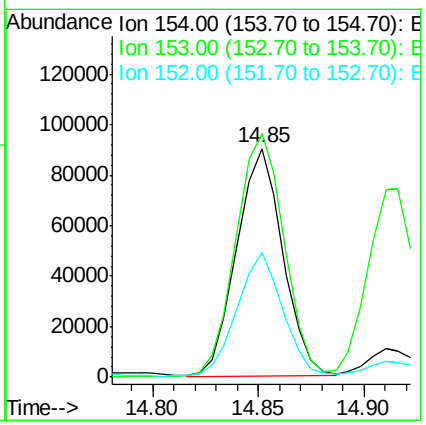


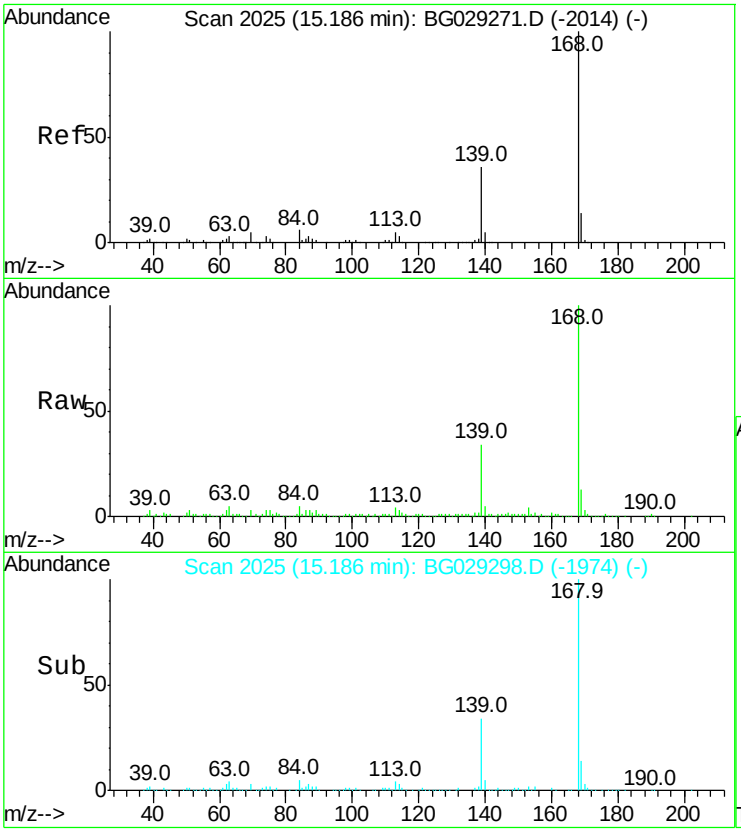


#51
Acenaphthene
Concen: 9.930 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:154 Resp: 136752

Ion	Ratio	Lower	Upper
154	100		
153	106.5	90.4	135.6
152	54.4	41.6	62.4



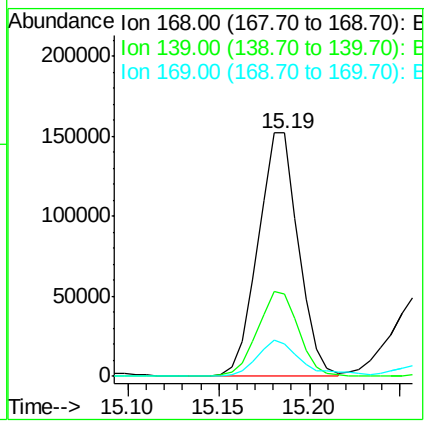


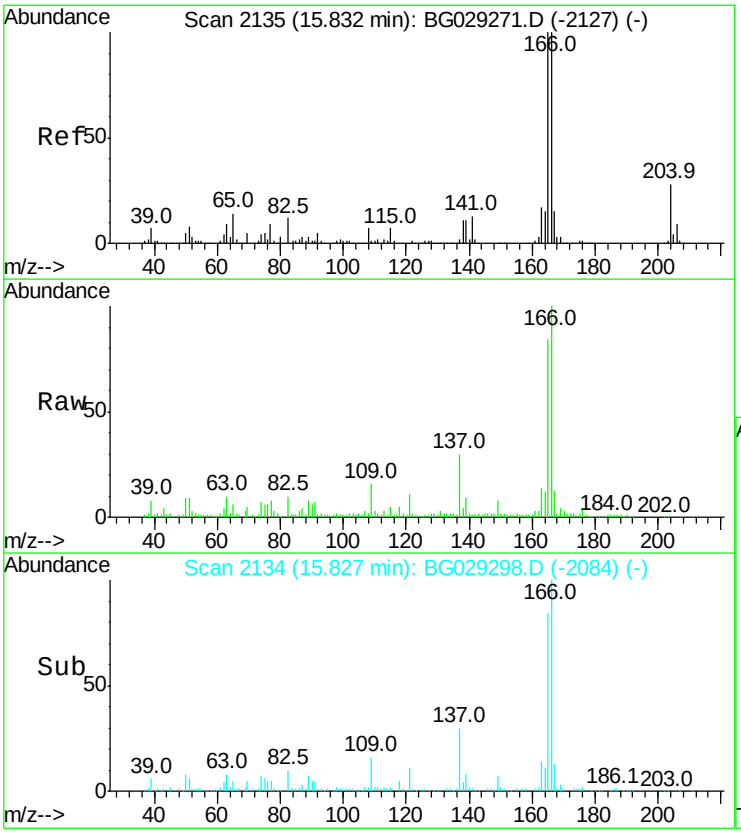
#54
Dibenzofuran
Concen: 12.034 ng
RT: 15.19 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:168 Resp: 236592

Ion	Ratio	Lower	Upper
168	100		
139	34.1	28.6	43.0
169	13.5	11.2	16.8

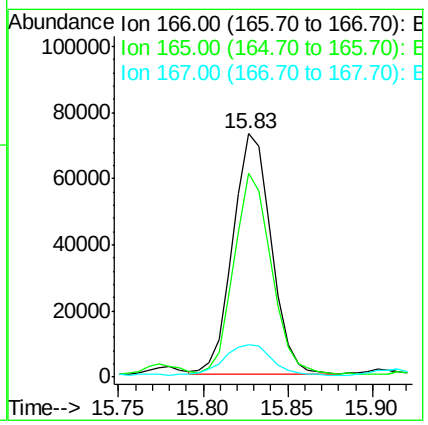


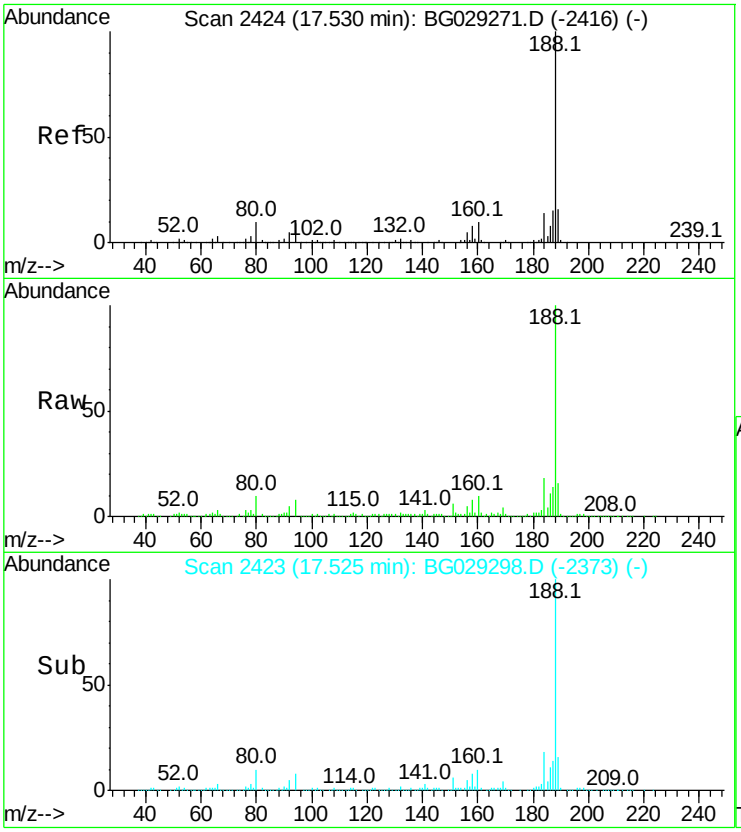


#57
Fluorene
Concen: 7.114 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:166 Resp: 115549

Ion	Ratio	Lower	Upper
166	100		
165	83.6	80.6	121.0
167	13.2	10.4	15.6



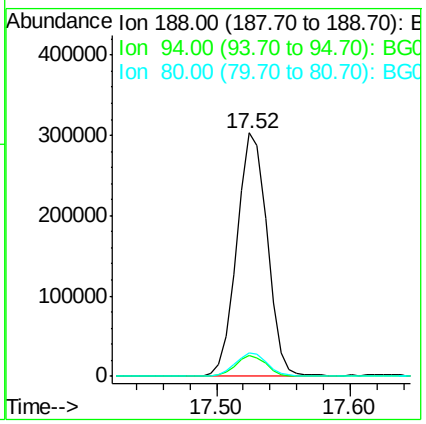


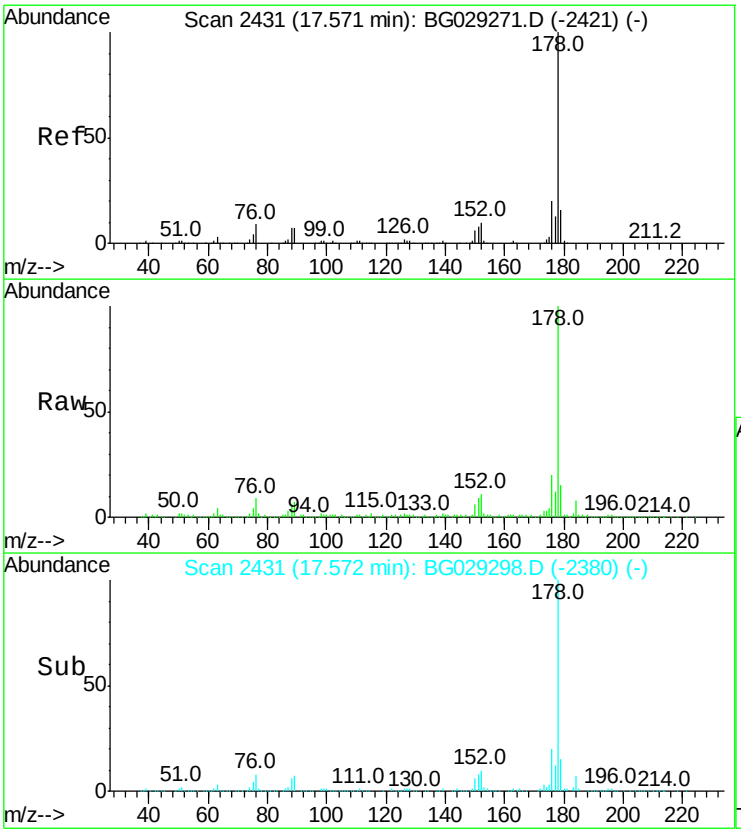
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:188 Resp: 475352

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.6	7.7	11.5

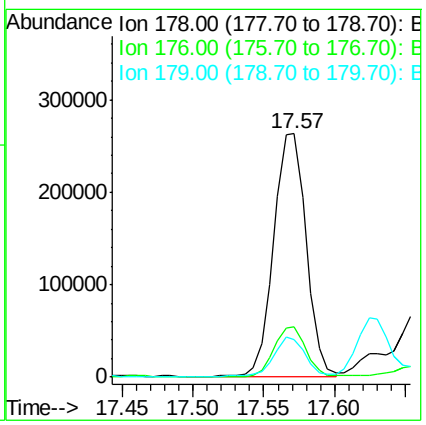


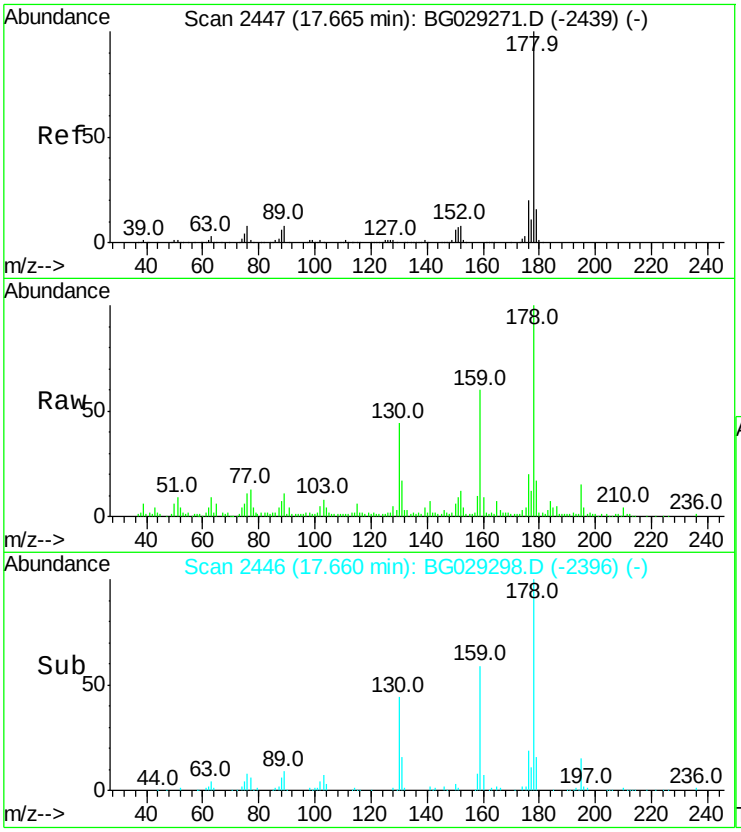


#70
Phenanthrene
Concen: 17.098 ng
RT: 17.57 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:178 Resp: 419862

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	15.2	12.5	18.7



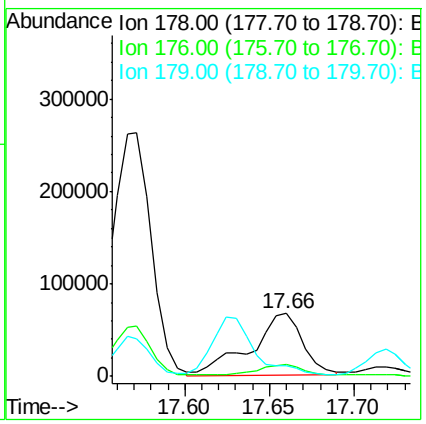


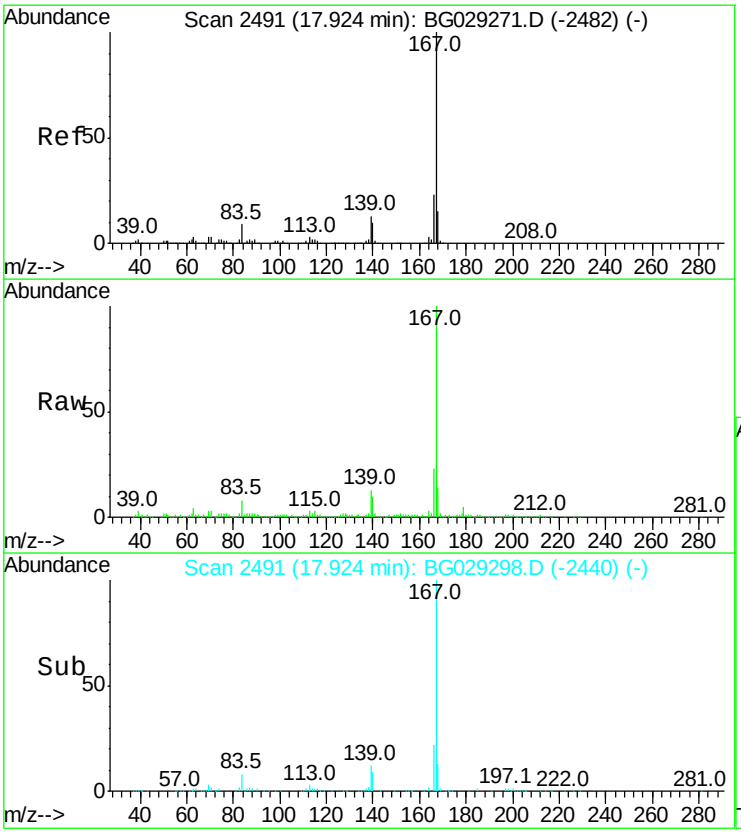
#71
Anthracene
Concen: 5.793 ng
RT: 17.66 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:178 Resp: 142843

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	17.3	12.5	18.7

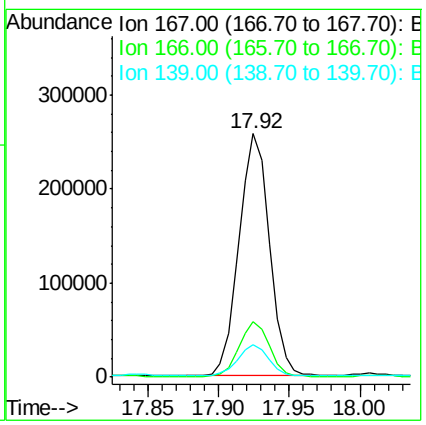


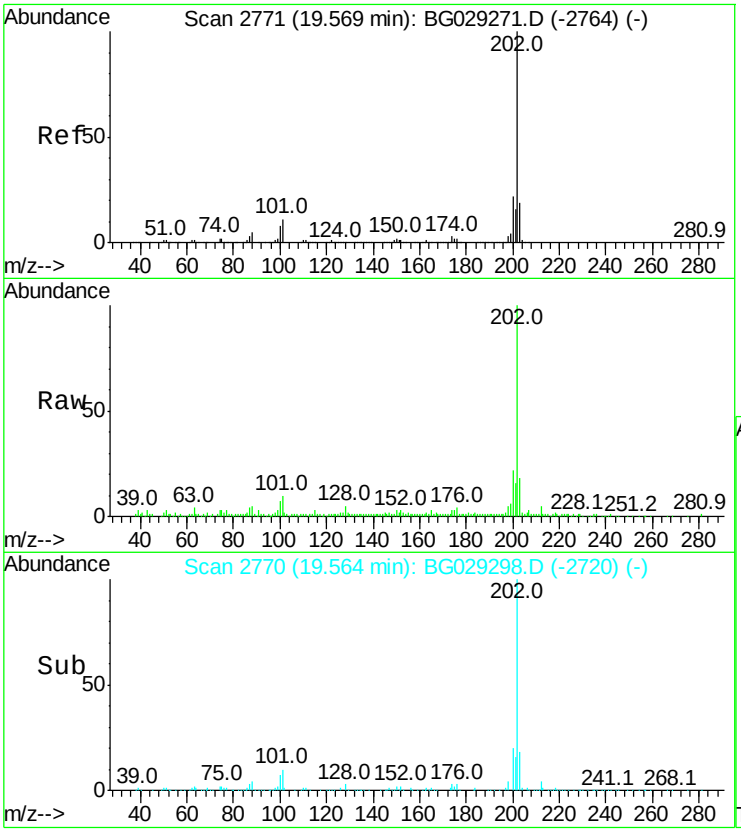


#72
Carbazole
Concen: 16.447 ng
RT: 17.92 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:167 Resp: 389573

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	13.1	9.4	14.2



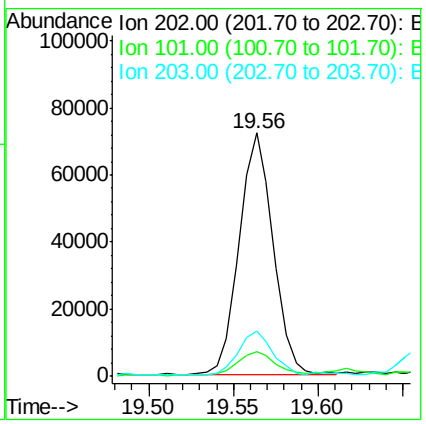


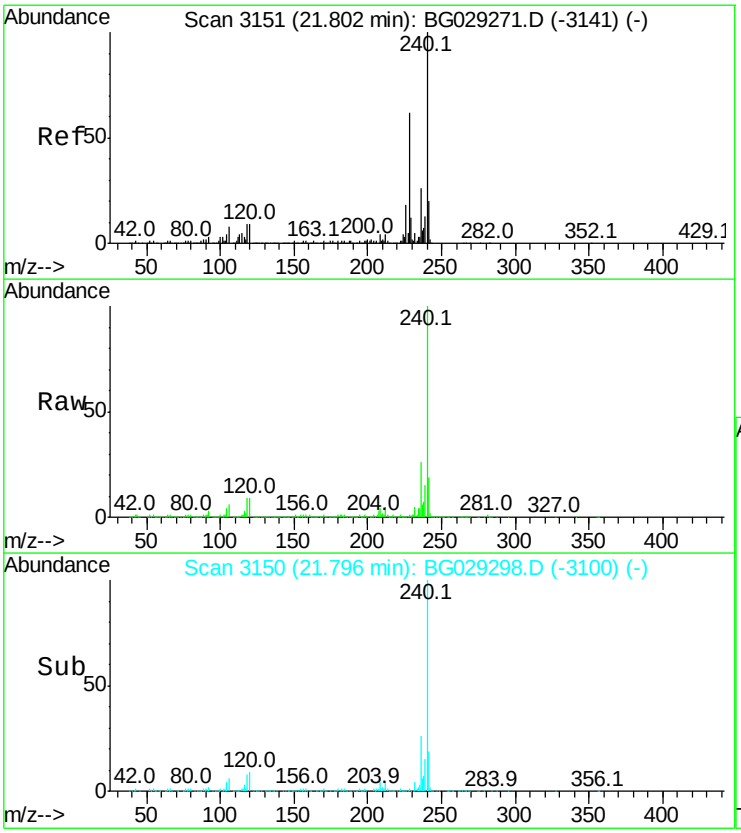
#74
Fluoranthene
Concen: 3.511 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:202 Resp: 100849

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	28.9
203	18.3	0.0	37.5

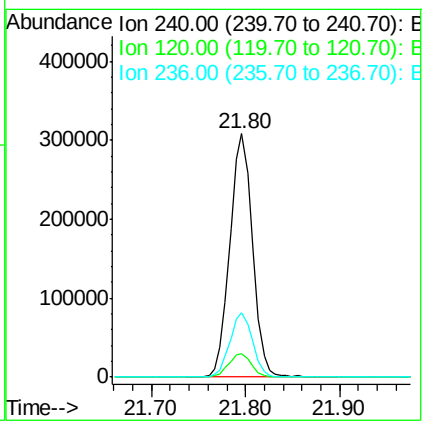


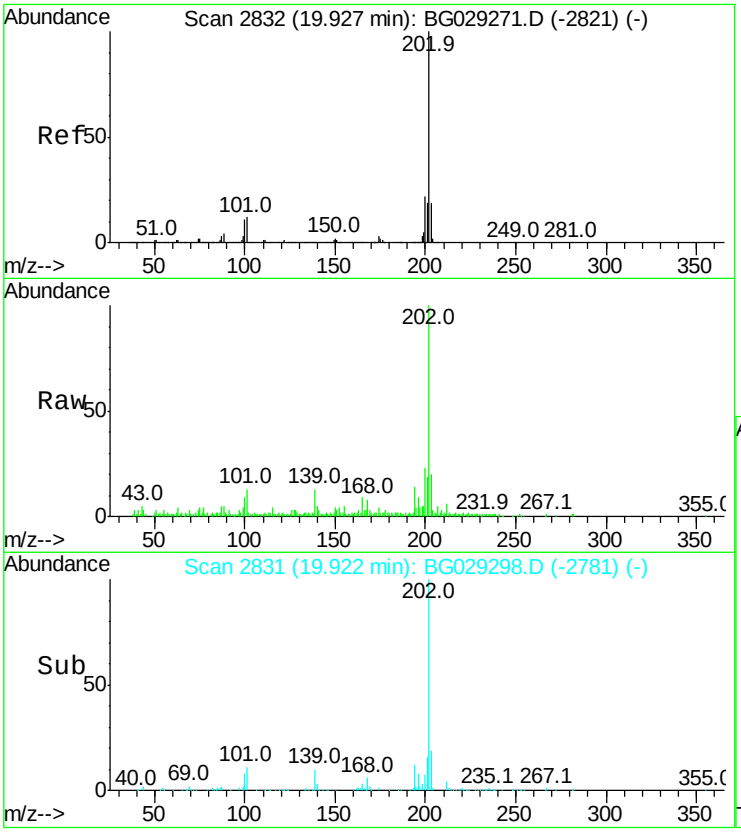


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:240 Resp: 515136

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.8	10.2
236	26.3	20.9	31.3



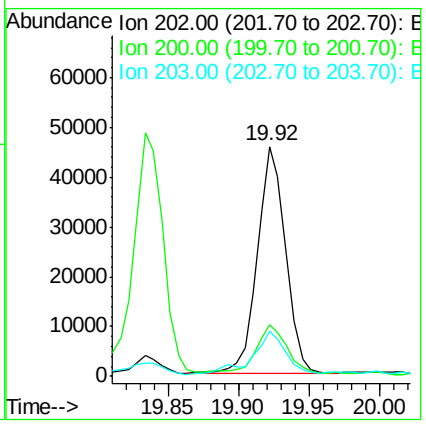


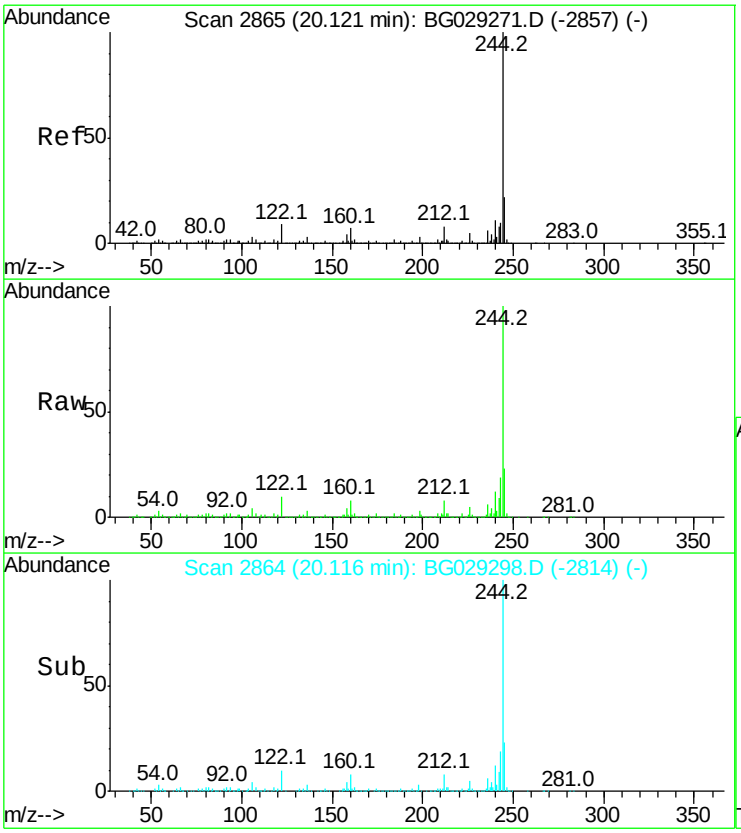
#77
Pyrene
Concen: 2.053 ng
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:202 Resp: 64168

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.9	13.9	20.9

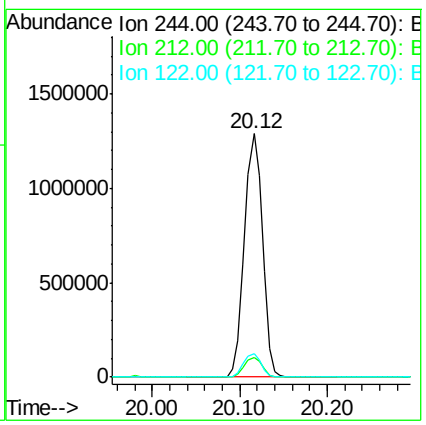


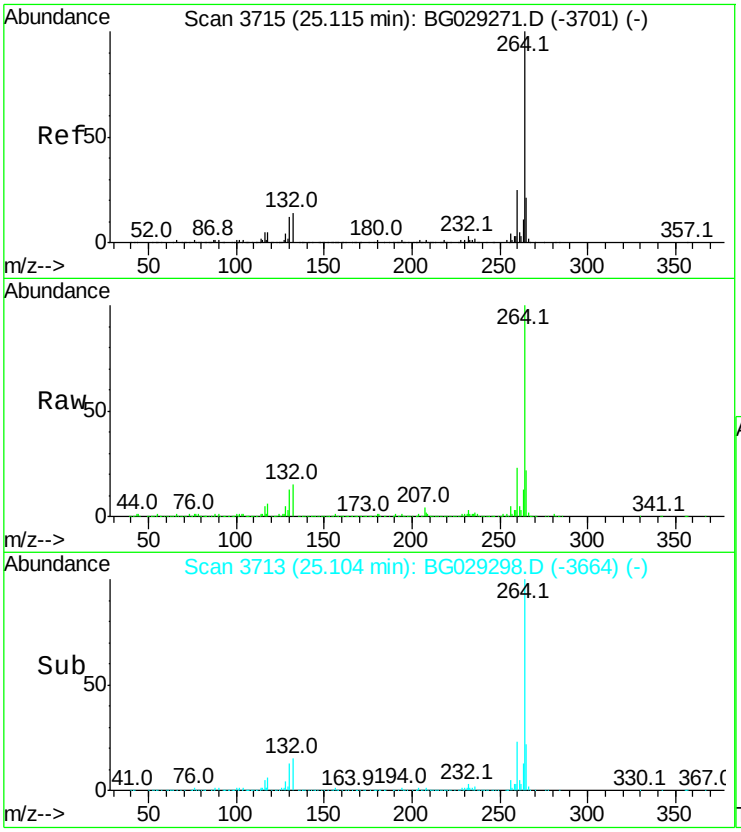


#78
Terphenyl-d14
Concen: 78.621 ng
RT: 20.12 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG029298.D
Acq: 17 Oct 2017 8:39

Tgt Ion:244 Resp: 1780304

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	9.6	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: BG029298.D
Acq: 17 Oct 2017 8:39

Instrument :
BNA_G
ClientSampleId :
WH-TWS-09

Tgt Ion:264 Resp: 518448

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.0	17.7	26.5