Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
Data File : BG029335.D
Acq On : 18 Oct 2017 15:47
Operator : SJ/JU
Sample : I5906-16DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WH-TWS-06DL

Quant Time: Oct 18 16:54:43 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	8.16	152	65802	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	323033	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	211100	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	467778	20.00	ng	0.00
75) Chrysene-d12	21.79	240	504146	20.00	ng	0.00
86) Perylene-d12	25.10	264	505984	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	102615	26.05	ng	0.00
7) Phenol-d6	7.32	99	136413	24.67	ng	0.00
23) Nitrobenzene-d5	9.33	82	90675	17.84	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	66919	24.55	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	262348	18.23	ng	0.00
78) Terphenyl-d14	20.11	244	388101	17.51	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.35	94	217520	36.492	ng	90
17) 2-Methylphenol	8.60	107	61113	15.434	ng	98
20) 3+4-Methylphenols	8.93	107	247771	44.409	ng	92
27) 2,4-Dimethylphenol	10.14	122	87810	17.767	ng	98
31) Naphthalene	11.04	128	793474	49.286	ng	98
37) 2-Methylnaphthalene	12.63	142	62691	5.343	ng	94
51) Acenaphthene	14.85	154	31111	2.308	ng	97
54) Dibenzofuran	15.18	168	65273	3.393	ng	97
70) Phenanthrene	17.56	178	114188	4.725	ng	99
72) Carbazole	17.92	167	182363	7.823	ng	99

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

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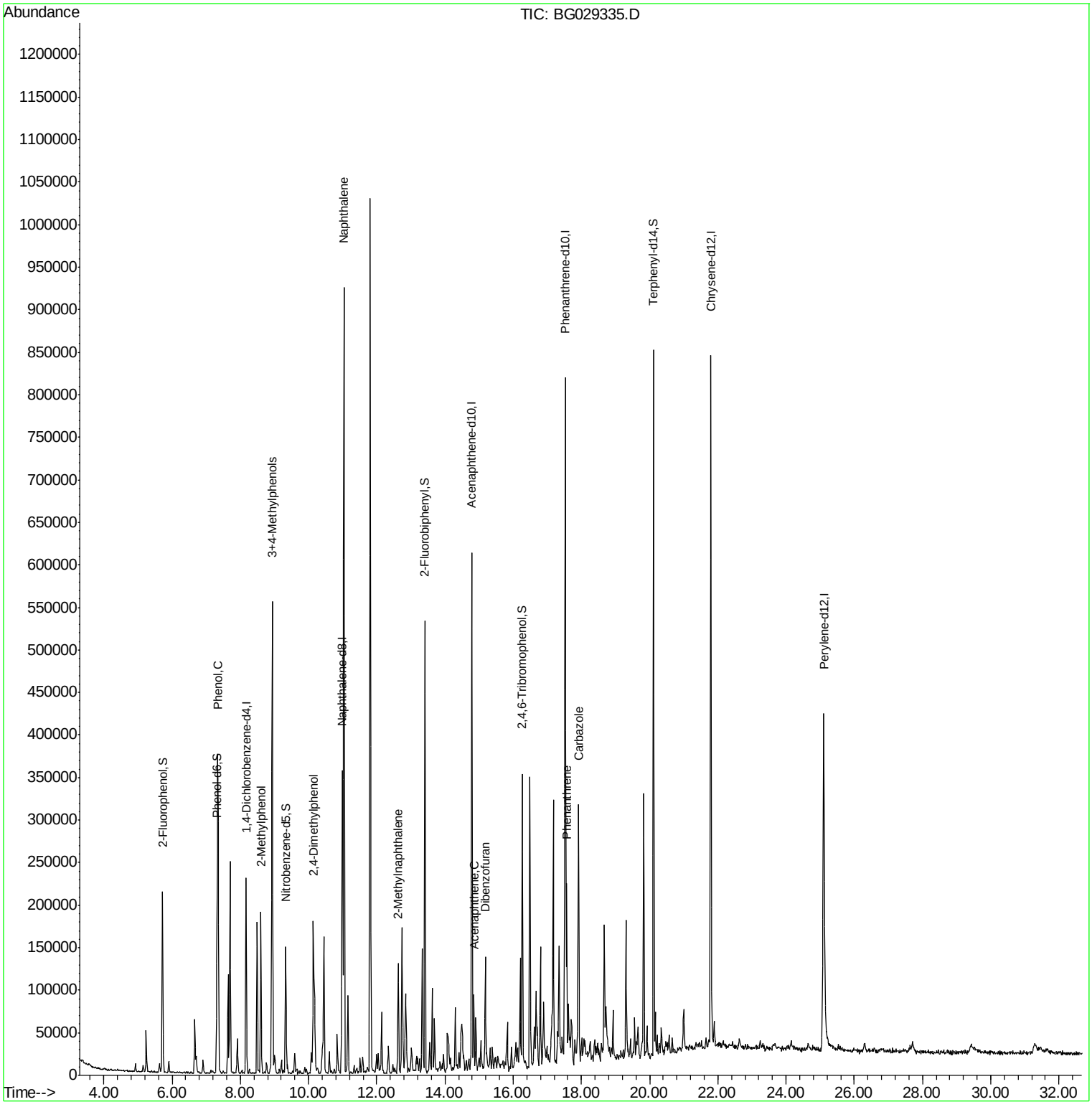
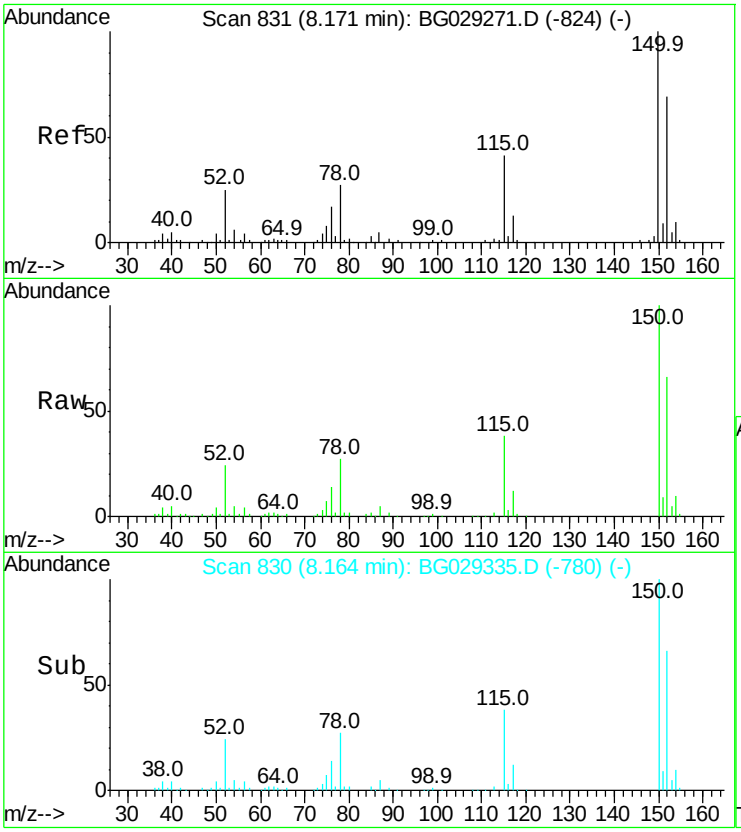


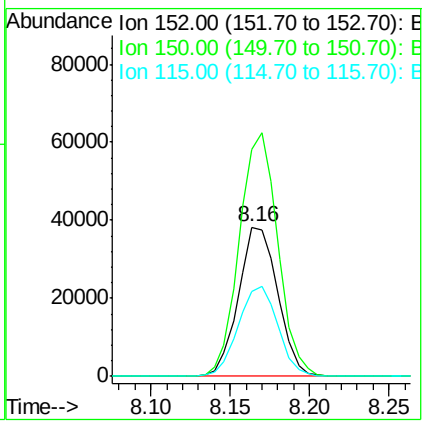


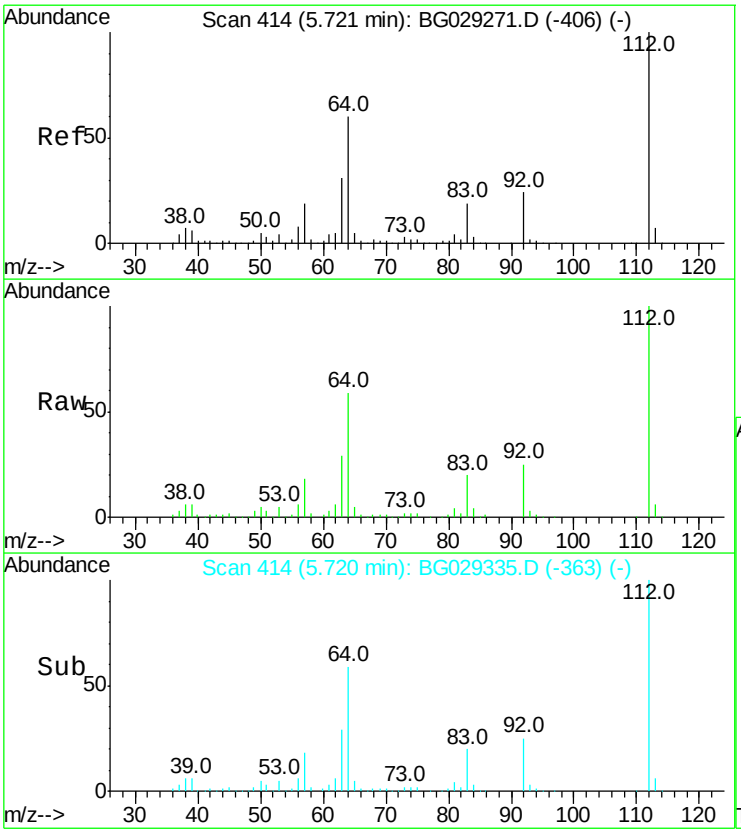
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:152 Resp: 65802

Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	57.3	53.0	79.4

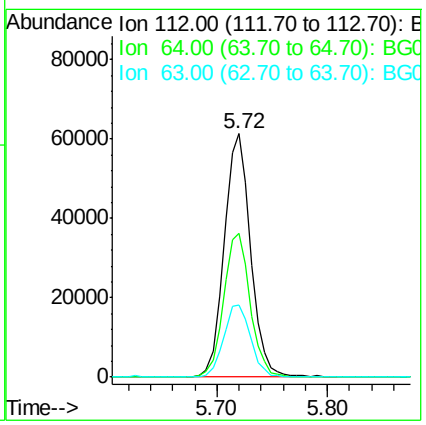


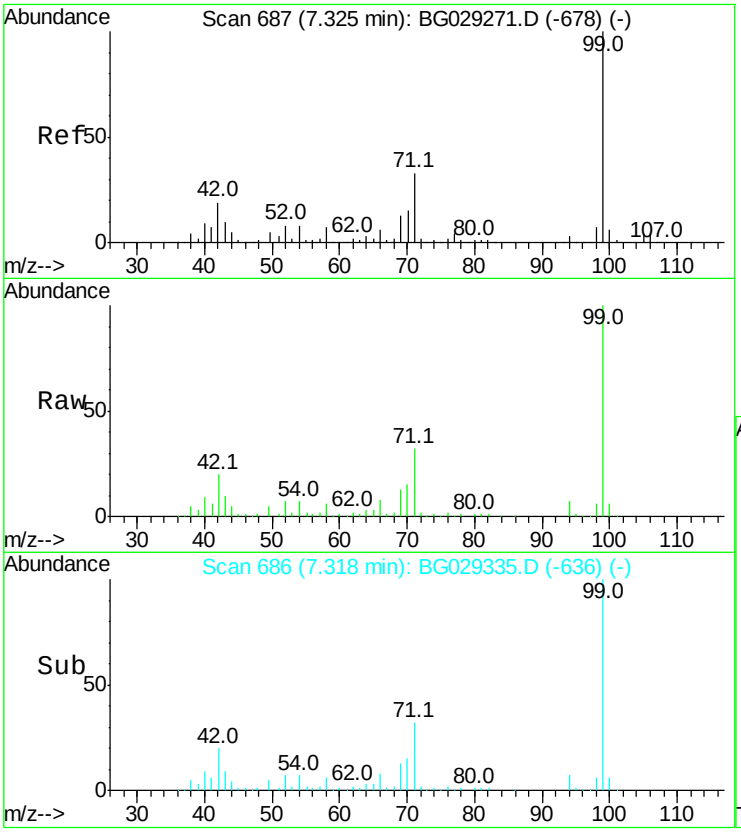


#5
2-Fluorophenol
Concen: 26.051 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:112 Resp: 102615

Ion	Ratio	Lower	Upper
112	100		
64	59.0	56.3	84.5
63	29.4	30.1	45.1#



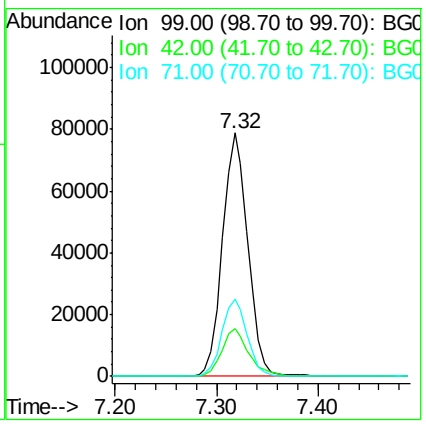


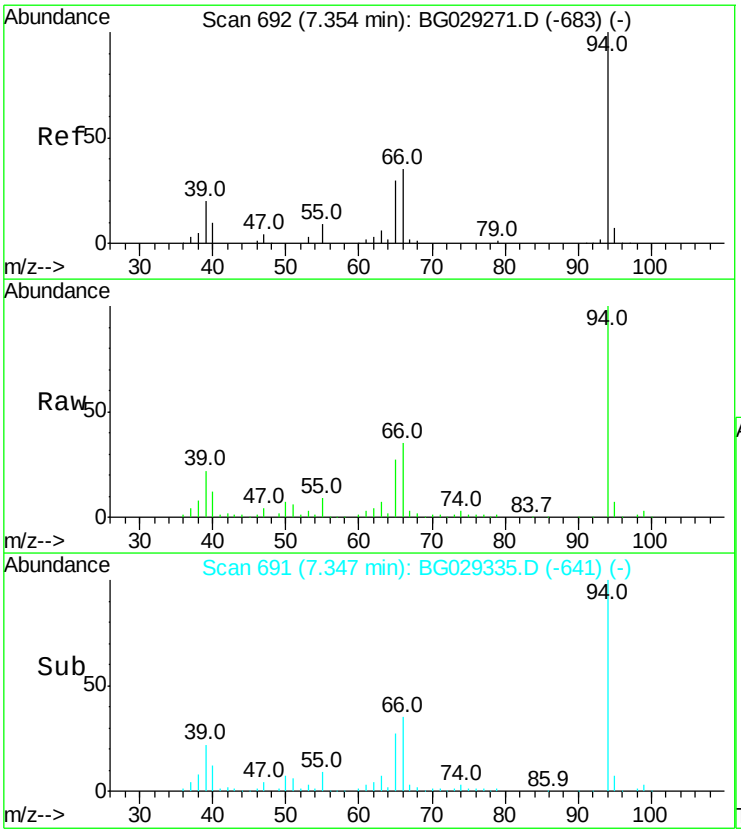
#7
Phenol-d6
Concen: 24.673 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion: 99 Resp: 136413

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	31.8	26.1	39.1

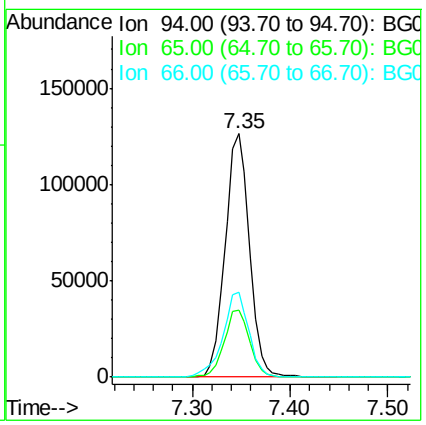


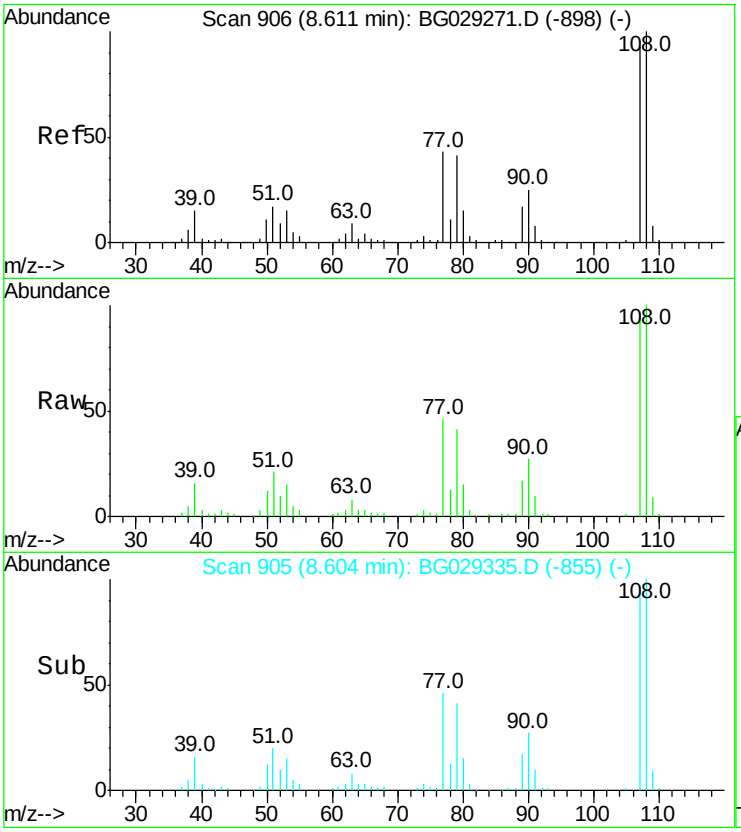


#10
Phenol
Concen: 36.492 ng
RT: 7.35 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion: 94 Resp: 217520

Ion	Ratio	Lower	Upper
94	100		
65	27.4	11.9	51.9
66	34.7	22.2	62.2



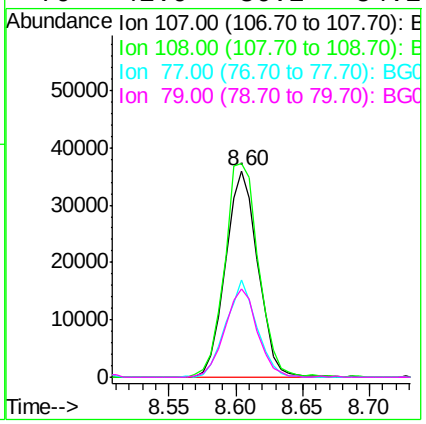


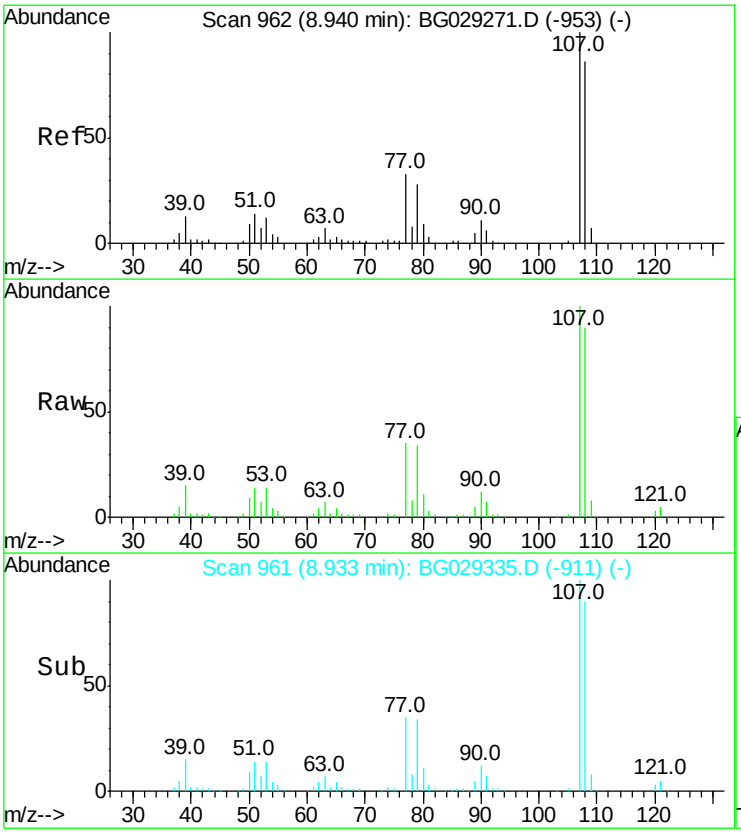
#17
2-Methylphenol
Concen: 15.434 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:107 Resp: 61113

Ion	Ratio	Lower	Upper
107	100		
108	103.4	83.9	125.9
77	47.1	37.2	55.8
79	42.9	36.2	54.2

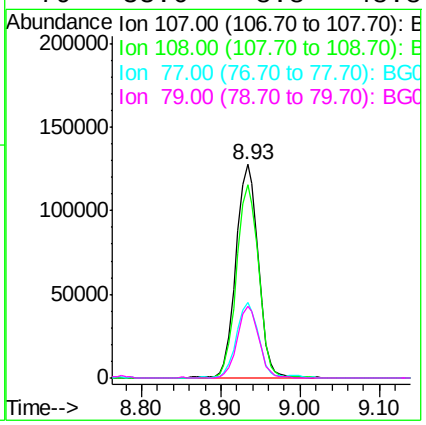


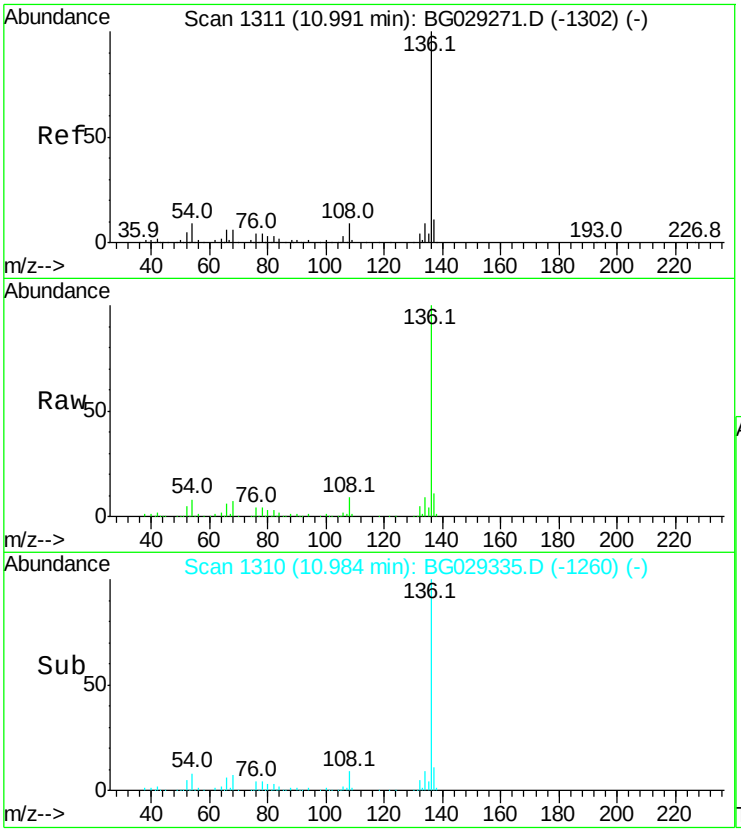


#20
3+4-Methylphenols
Concen: 44.409 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:107 Resp: 247771

Ion	Ratio	Lower	Upper
107	100		
108	90.5	61.6	101.6
77	35.2	13.9	53.9
79	33.6	8.8	48.8



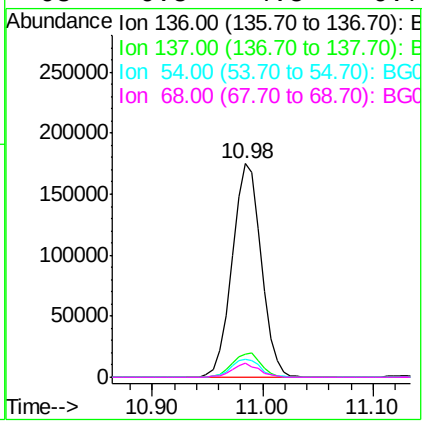


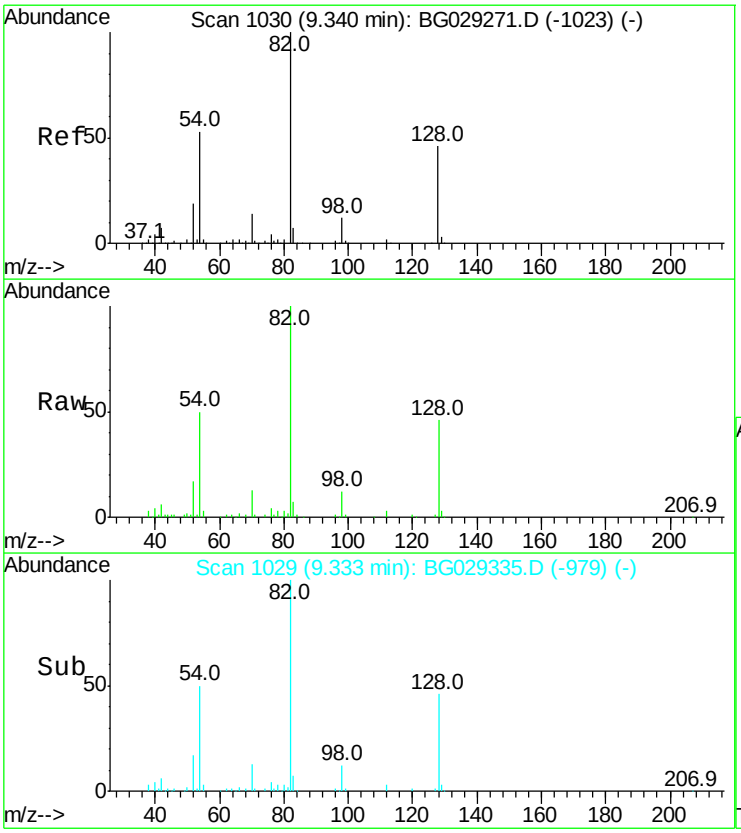
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:136 Resp: 323033

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.5	10.3	15.5#
68	6.5	4.5	6.7

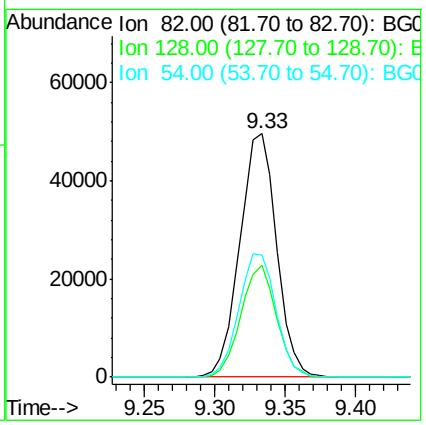


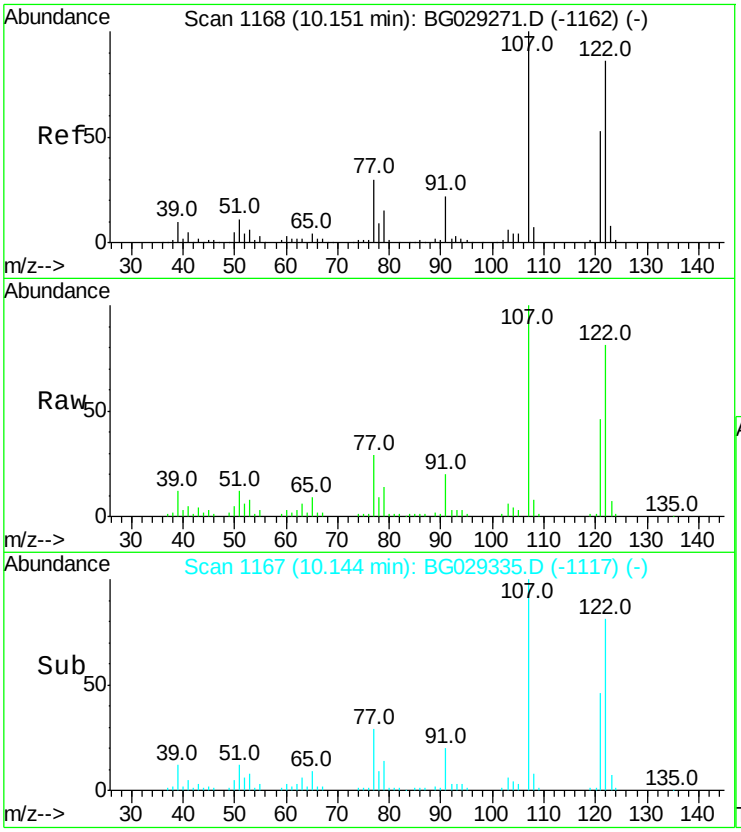


#23
Nitrobenzene-d5
Concen: 17.838 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion: 82 Resp: 90675

Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	50.3	43.1	64.7



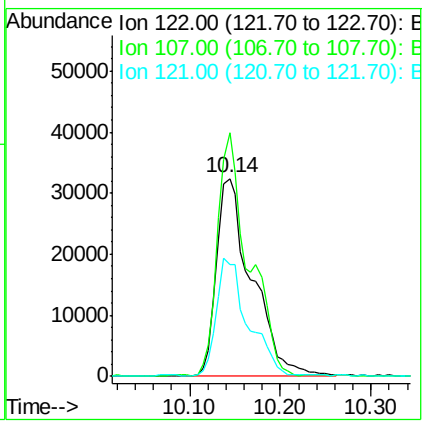


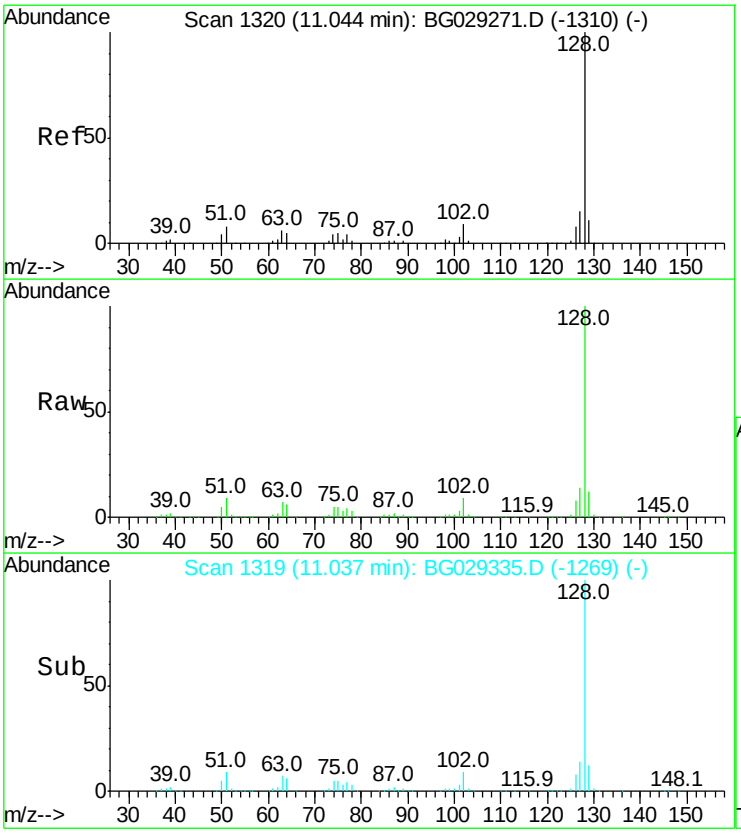
#27
2,4-Dimethylphenol
Concen: 17.767 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:122 Resp: 87810

Ion	Ratio	Lower	Upper
122	100		
107	123.1	100.2	150.2
121	56.7	44.4	66.6

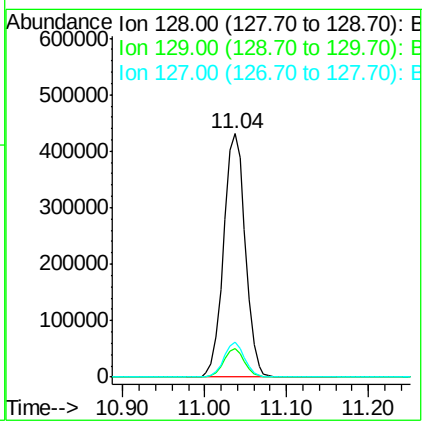


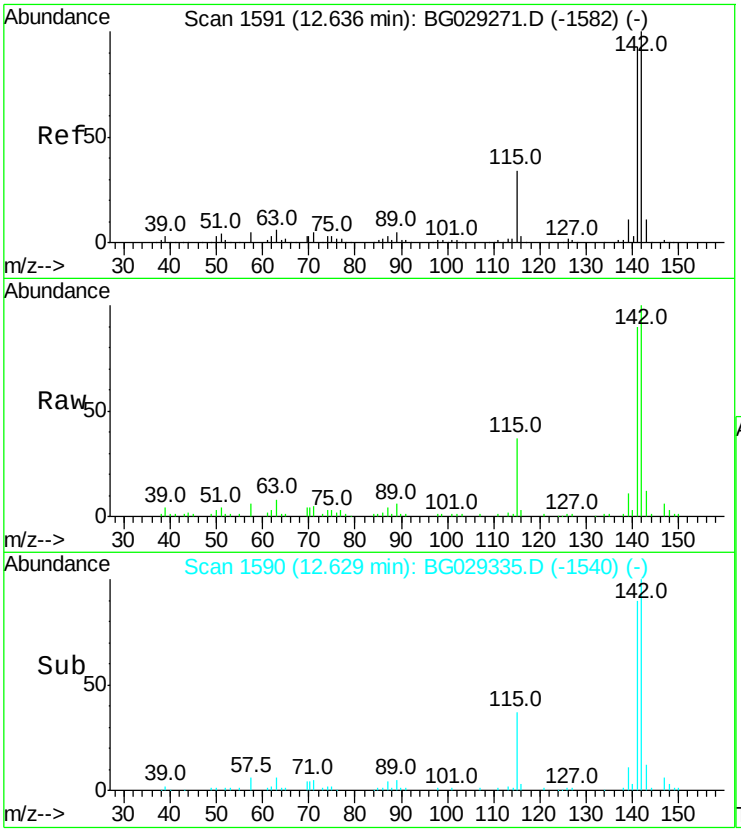


#31
Naphthalene
Concen: 49.286 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:128 Resp: 793474

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	14.2	11.6	17.4



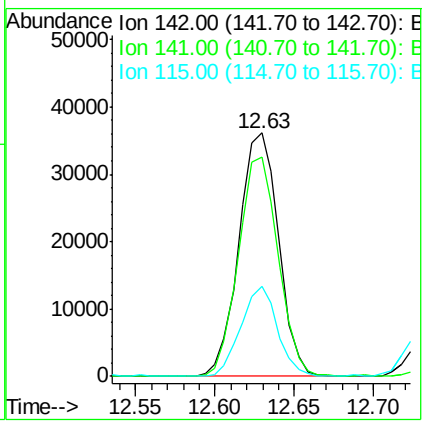


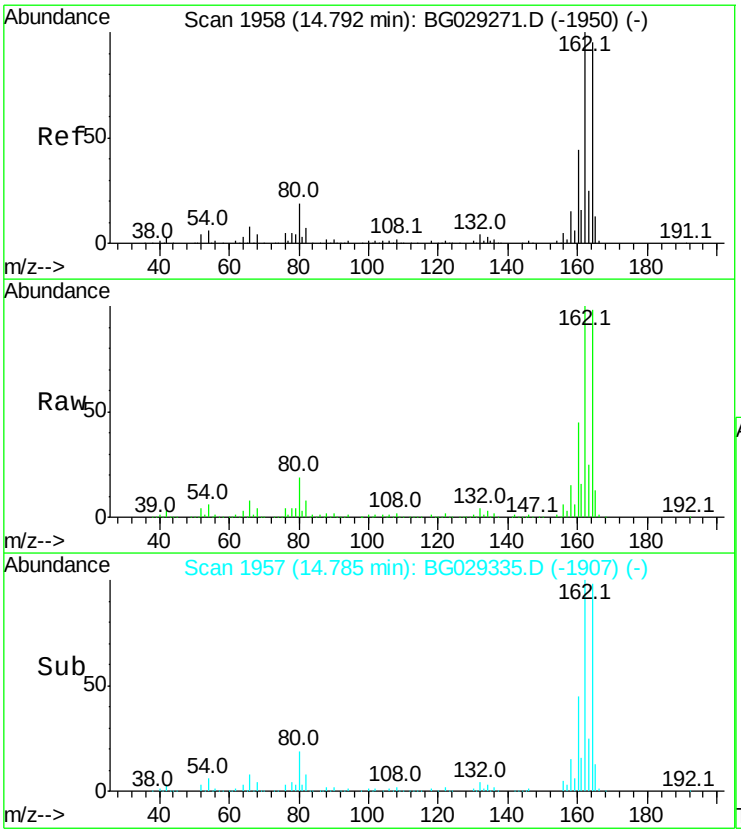
#37
2-Methylnaphthalene
Concen: 5.343 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:142 Resp: 62691

Ion	Ratio	Lower	Upper
142	100		
141	90.1	67.1	100.7
115	36.8	30.7	46.1

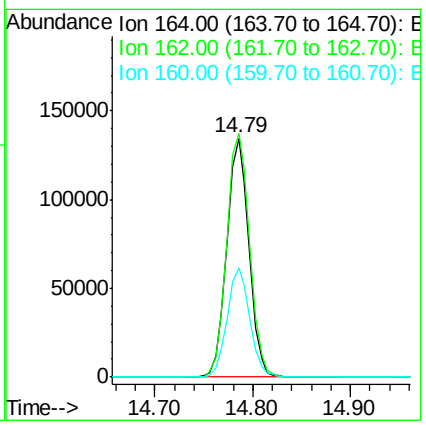


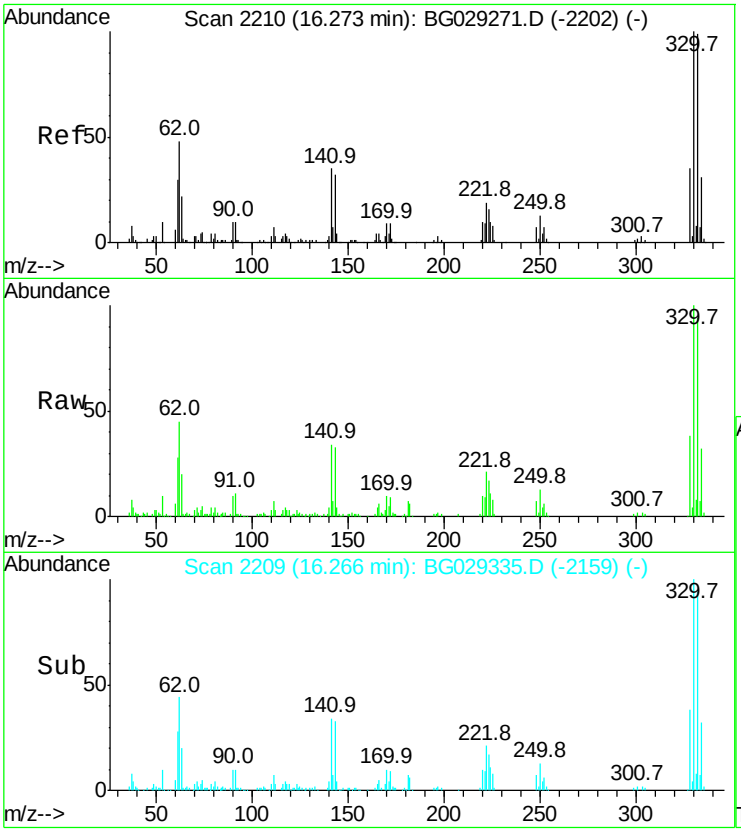


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:164 Resp: 211100

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	45.9	35.4	53.0



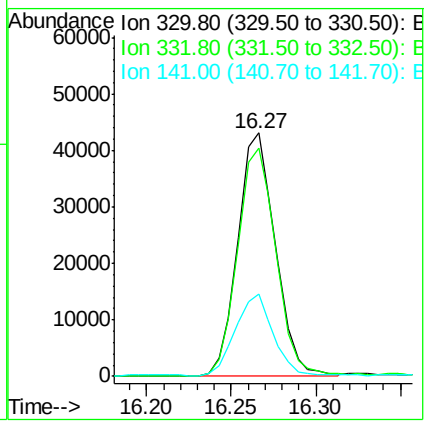


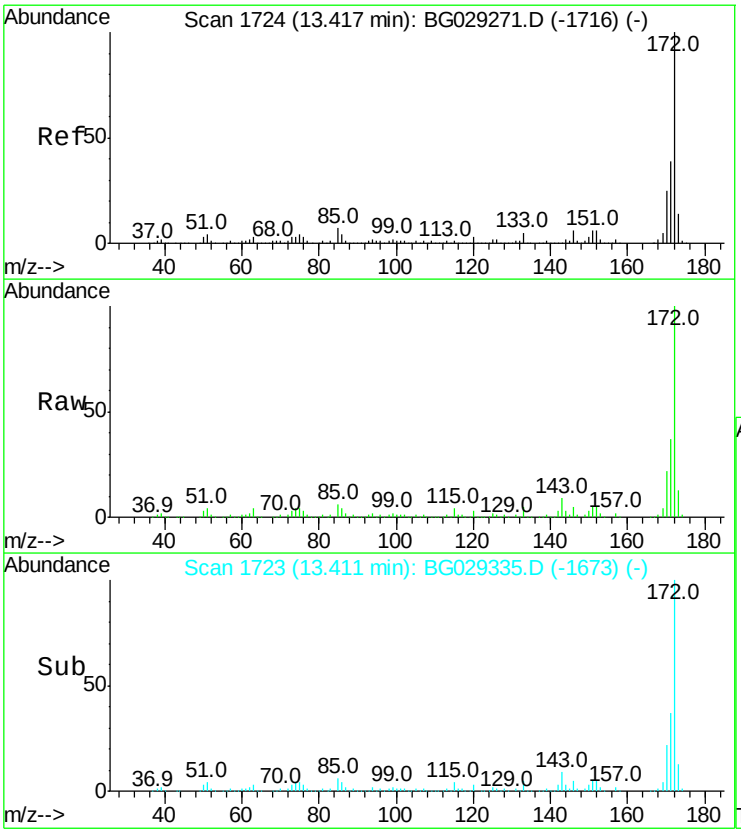
#41
2,4,6-Tribromophenol
Concen: 24.553 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:330 Resp: 66919

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.3	25.2	37.8

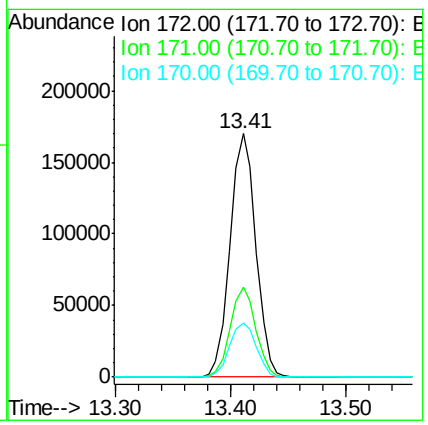


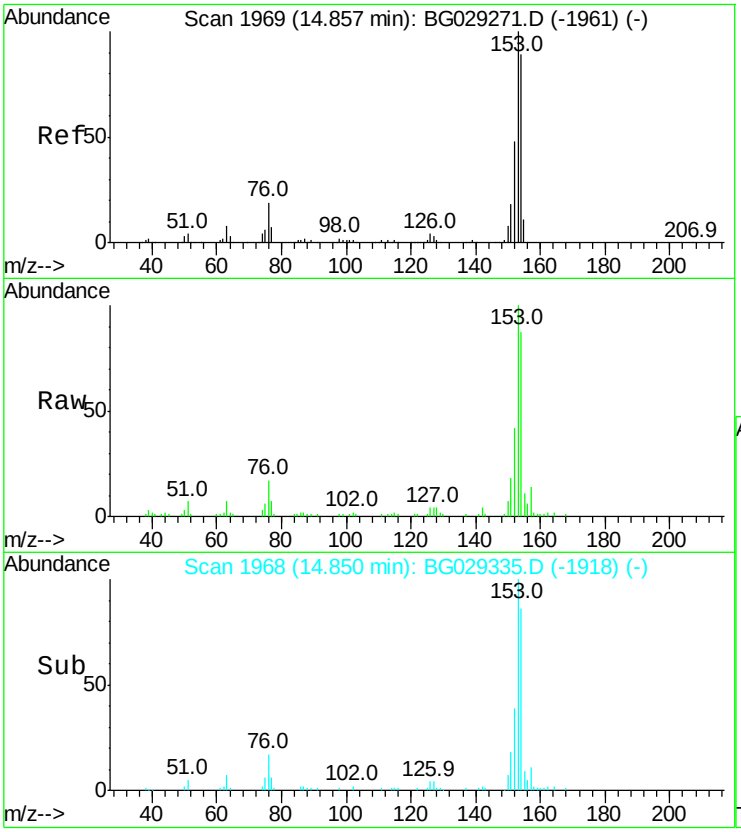


#44
2-Fluorobiphenyl
Concen: 18.227 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:172 Resp: 262348

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	22.5	19.5	29.3



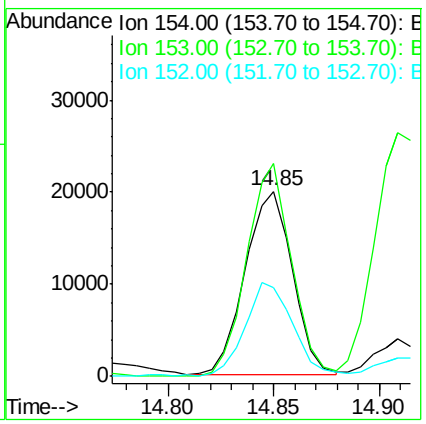


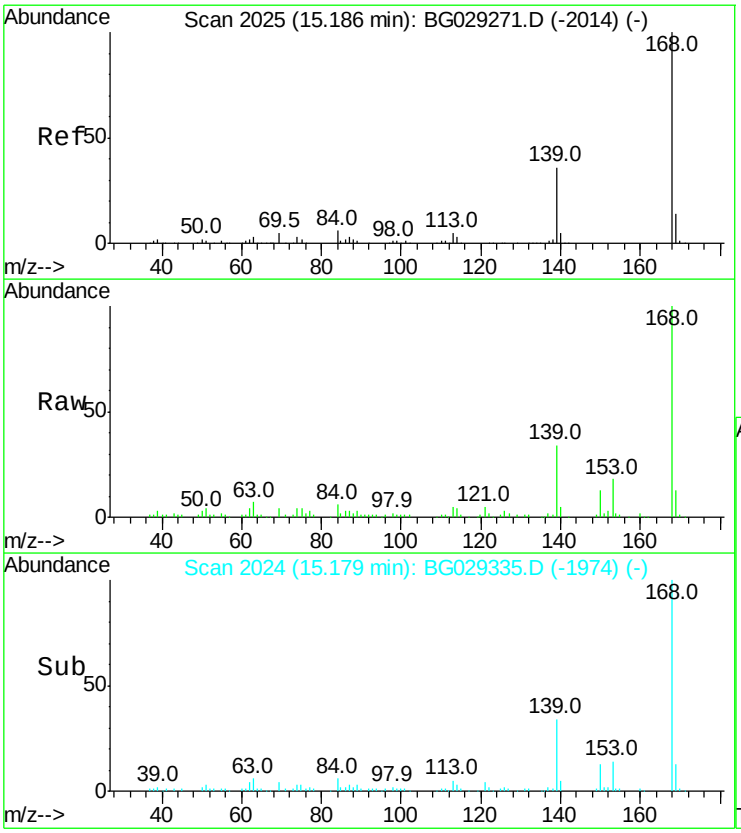
#51
Acenaphthene
Concen: 2.308 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:154 Resp: 31111

Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.4	135.6
152	48.0	41.6	62.4

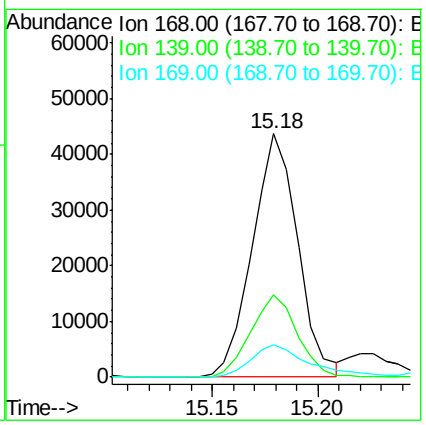


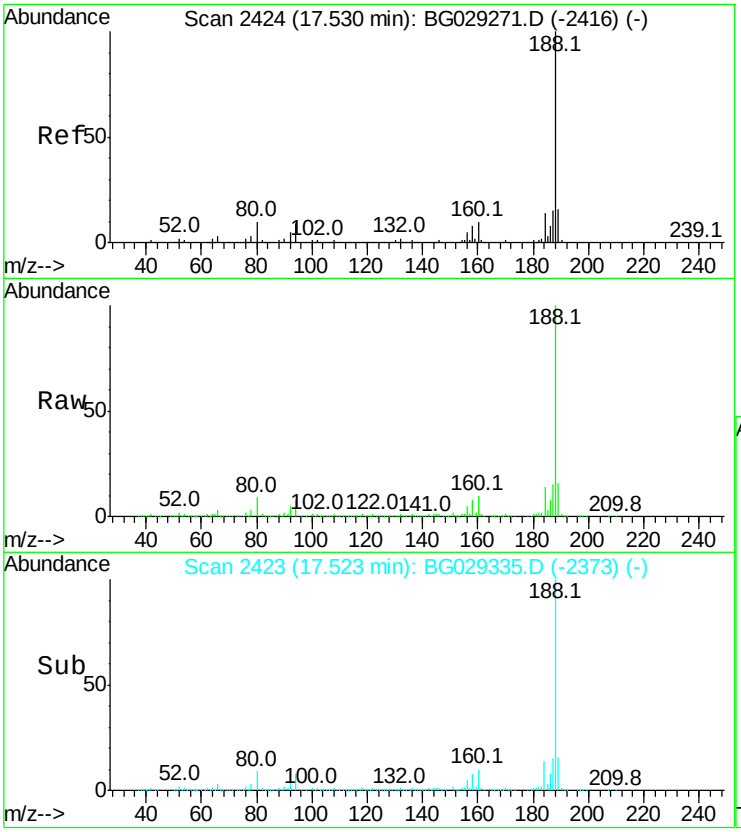


#54
Dibenzofuran
Concen: 3.393 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:168 Resp: 65273

Ion	Ratio	Lower	Upper
168	100		
139	33.8	28.6	43.0
169	13.2	11.2	16.8



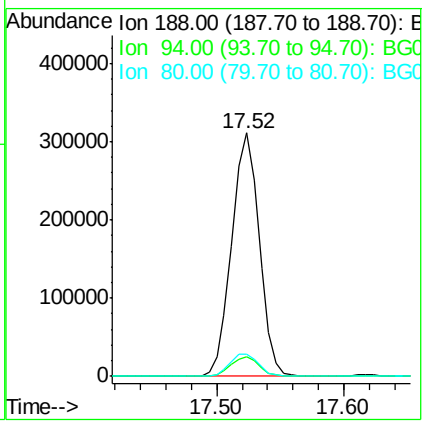


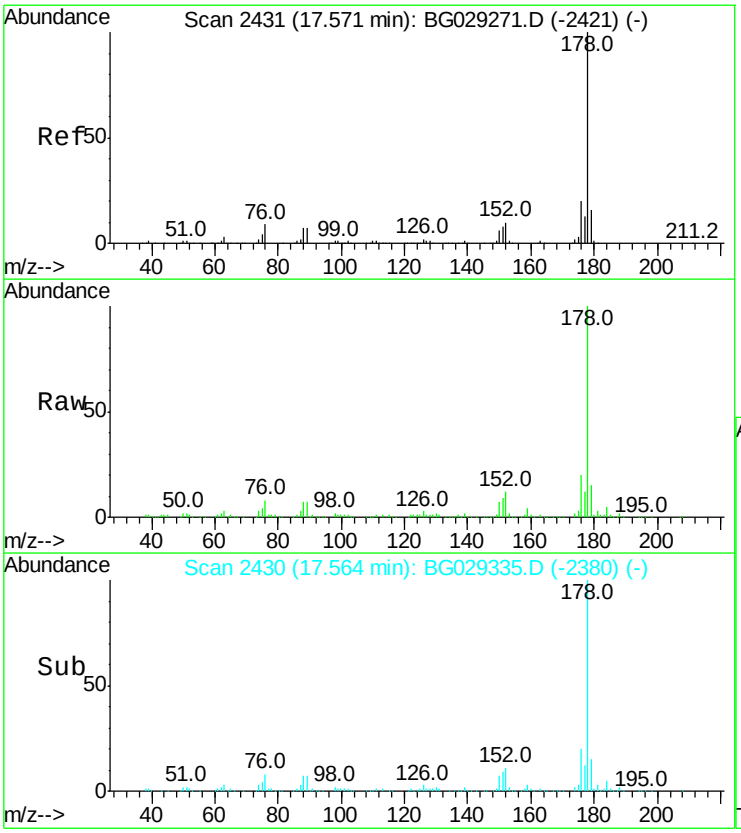
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:188 Resp: 467778

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.0	7.7	11.5

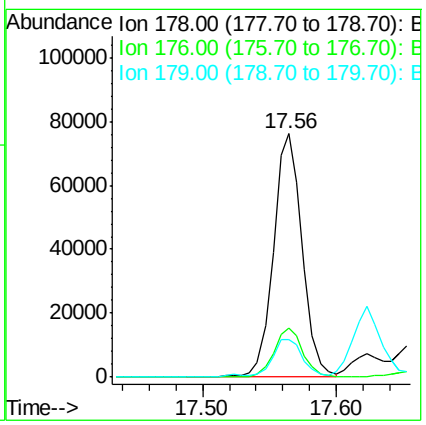


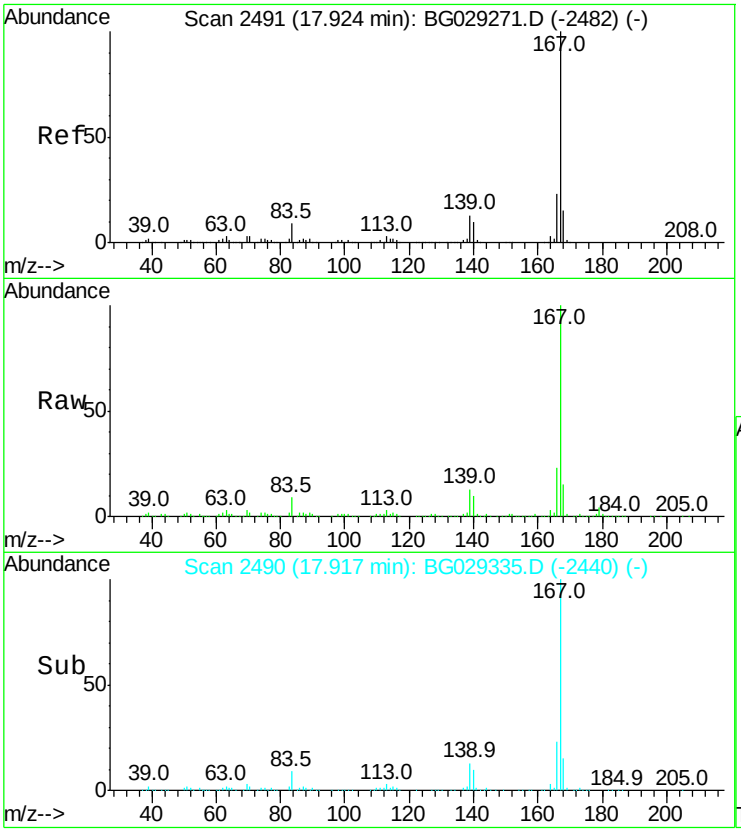


#70
Phenanthrene
Concen: 4.725 ng
RT: 17.56 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:178 Resp: 114188

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.4	12.5	18.7



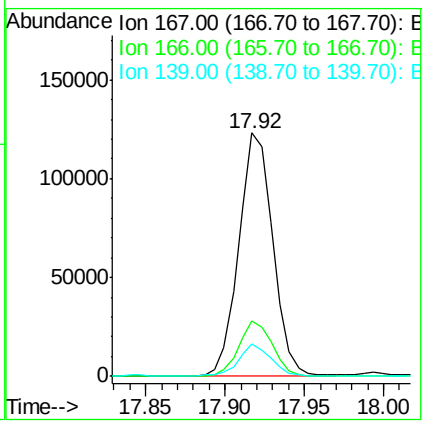


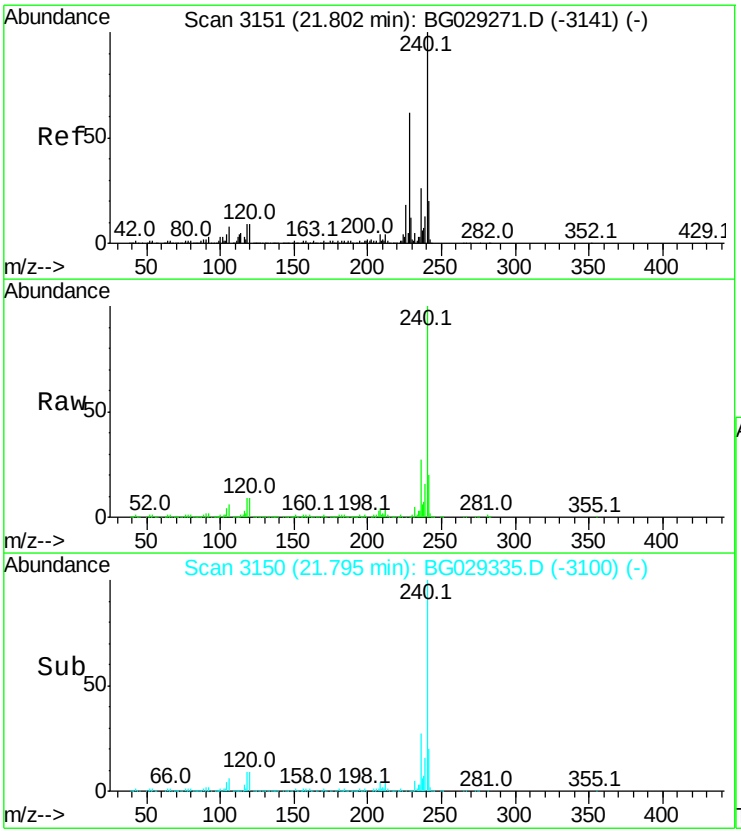
#72
Carbazole
Concen: 7.823 ng
RT: 17.92 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:167 Resp: 182363

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

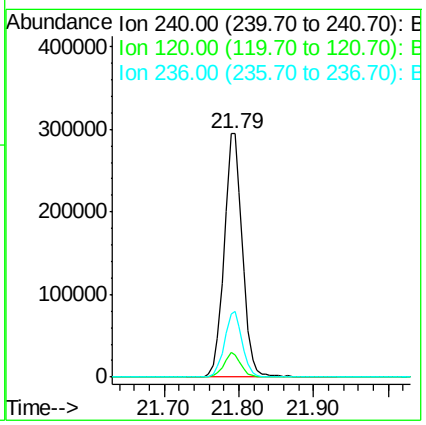


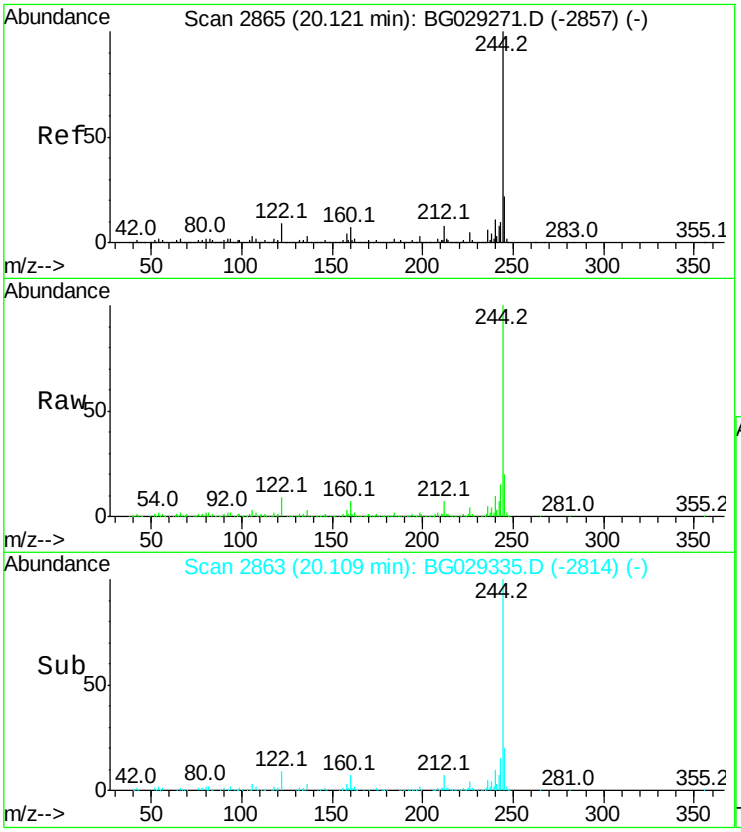


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:240 Resp: 504146

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.8	10.2
236	26.9	20.9	31.3



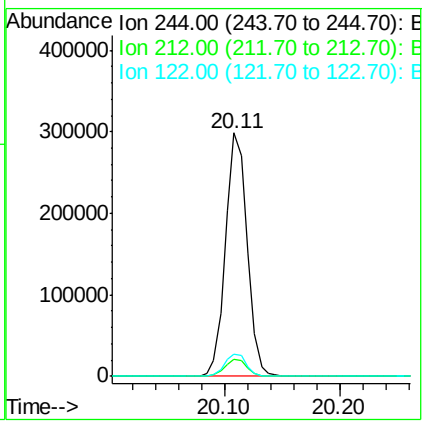


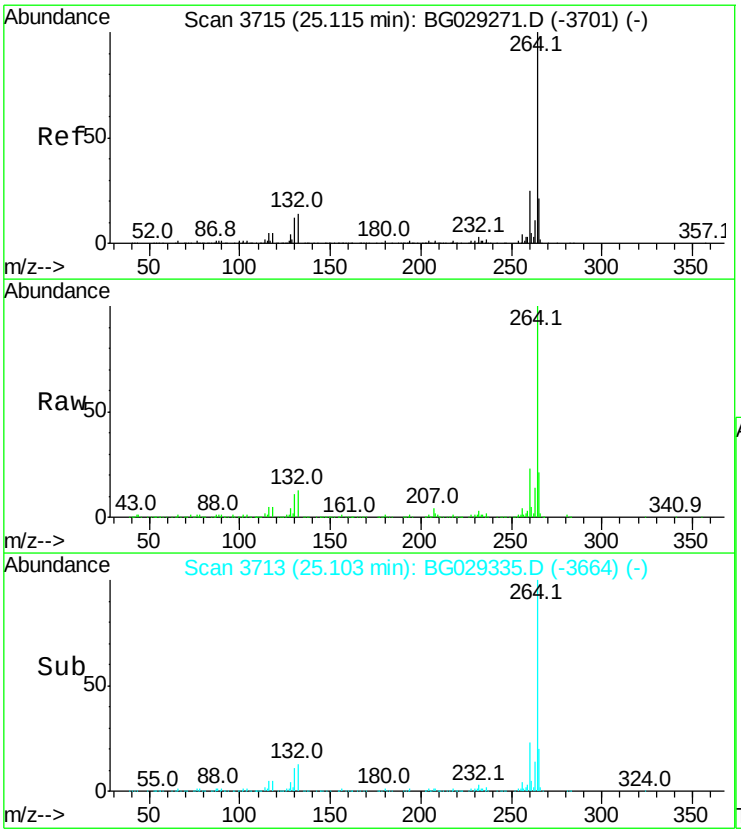
#78
Terphenyl-d14
Concen: 17.513 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:244 Resp: 388101

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.0	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: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:264 Resp: 505984

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.6	17.7	26.5