Quantitation Report (Not 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 16:52:32 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
18) Hexachloroethane	9.38	117	4527	2.567	ng	#	1
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
32) Benzoic acid	10.14	122	87810	21.219	ng	#	6
33) 4-Chloroaniline	11.04	127	108150	15.970	ng	#	30
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
64) 4,6-Dinitro-2-methylphenol	16.14	198	609	5.205	ng	#	1
70) Phenanthrene	17.56	178	114188	4.725	ng		99
72) Carbazole	17.92	167	182363	7.823	ng		99
76) Benzidine	19.83	184	84982	5.583	ng	#	93

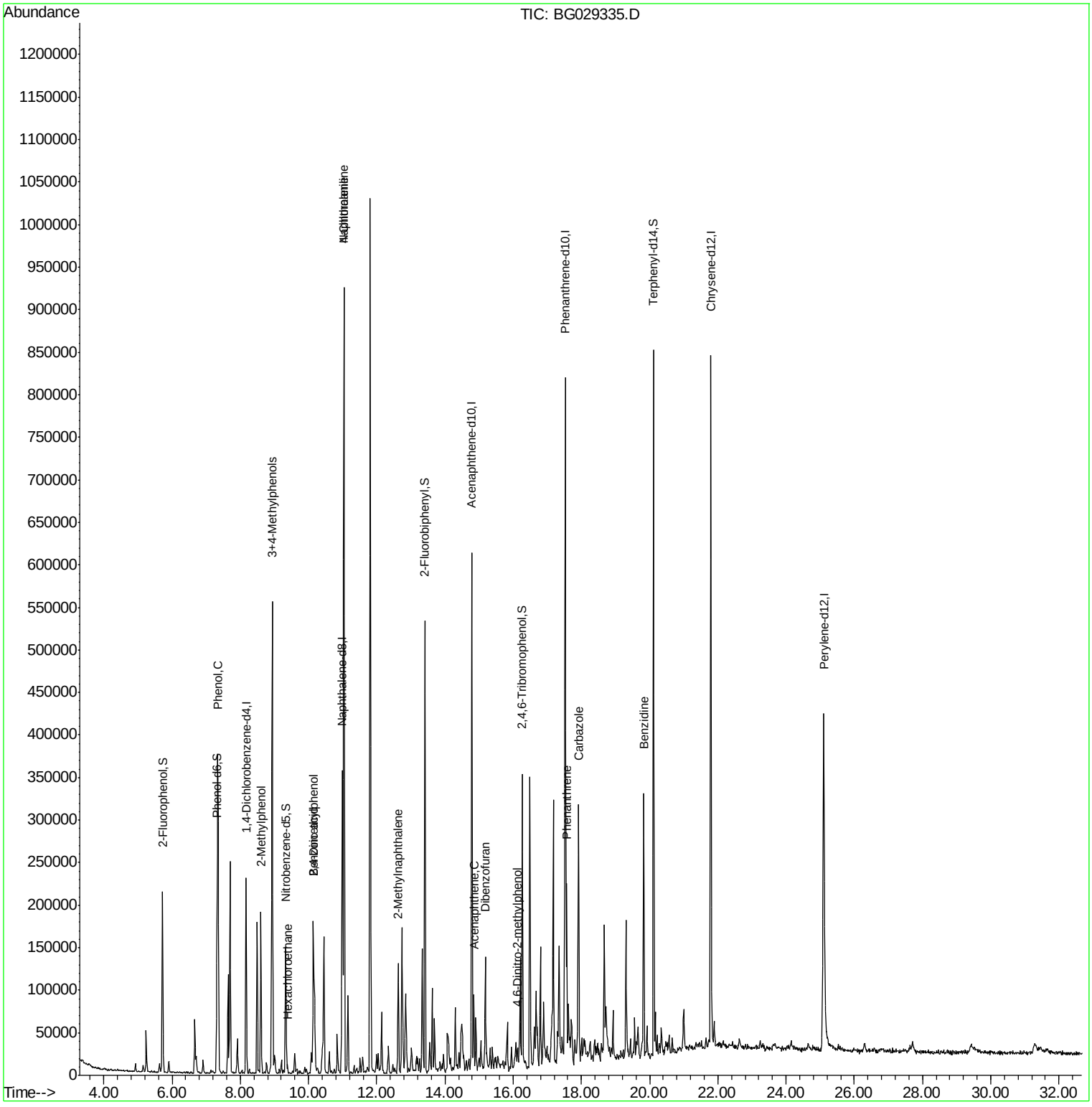
(#) = qualifier out of range (m) = manual integration (+) = signals summed

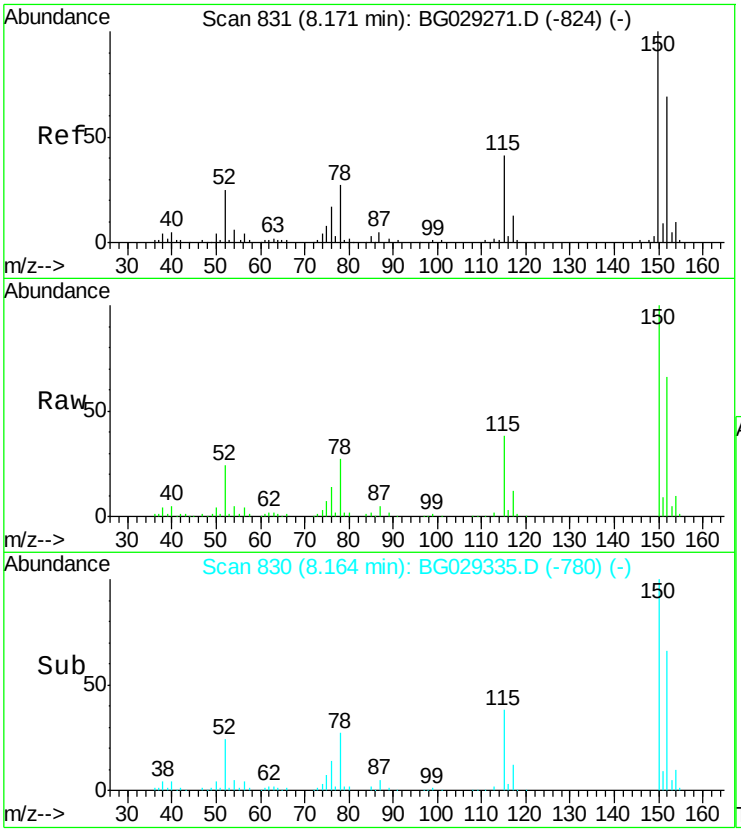
Quantitation Report (Not Reviewed)

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 16:52:32 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



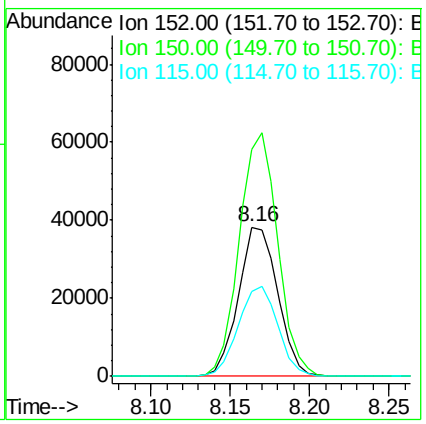


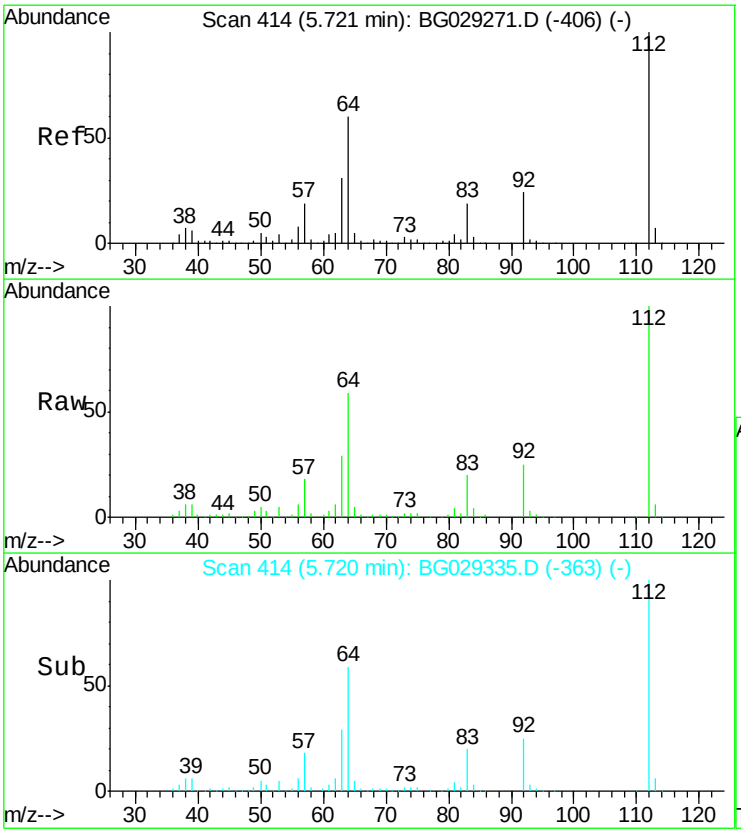
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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

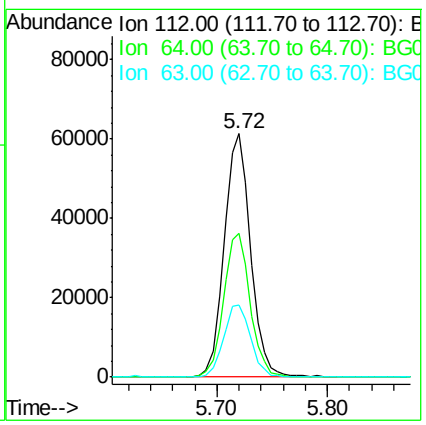


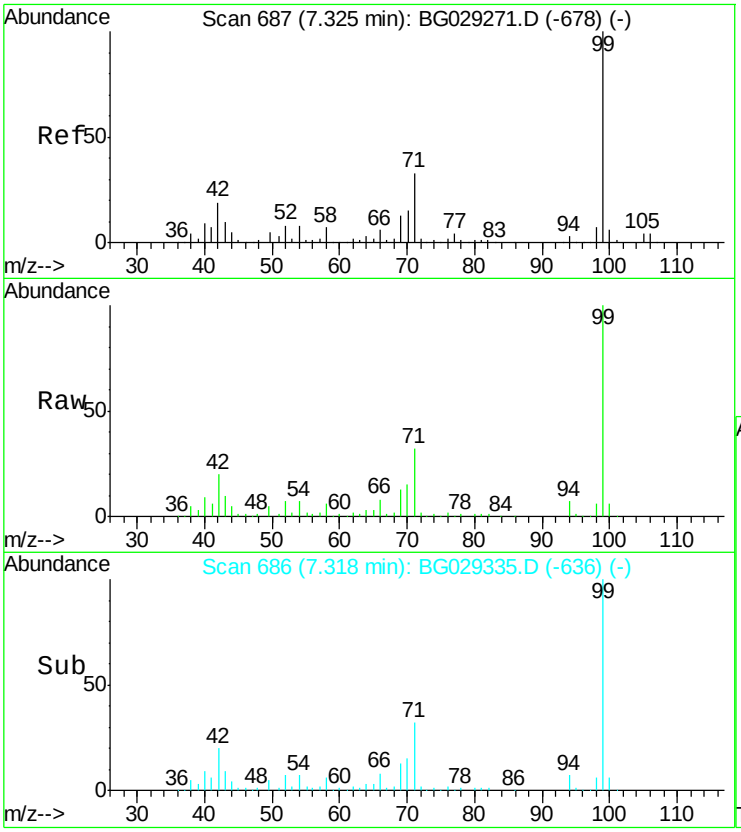


#5
2-Fluorophenol
Concen: 26.051 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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#



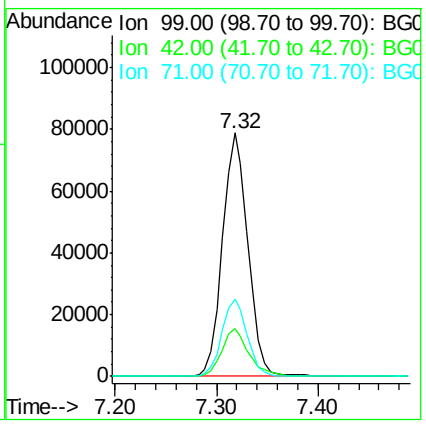


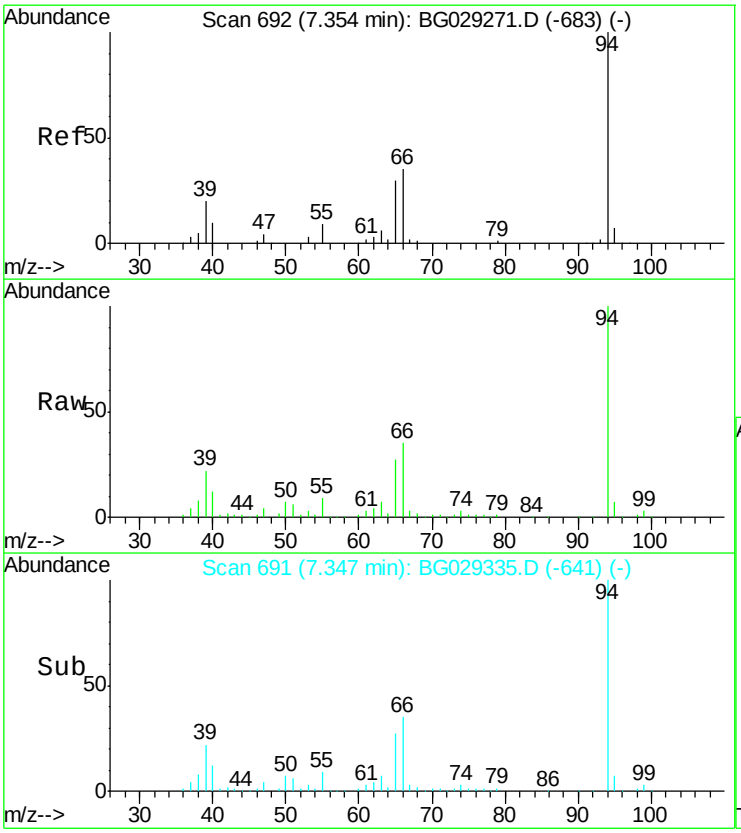
#7
Phenol-d6
Concen: 24.673 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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

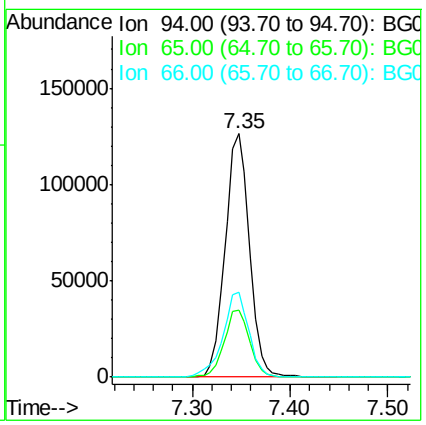


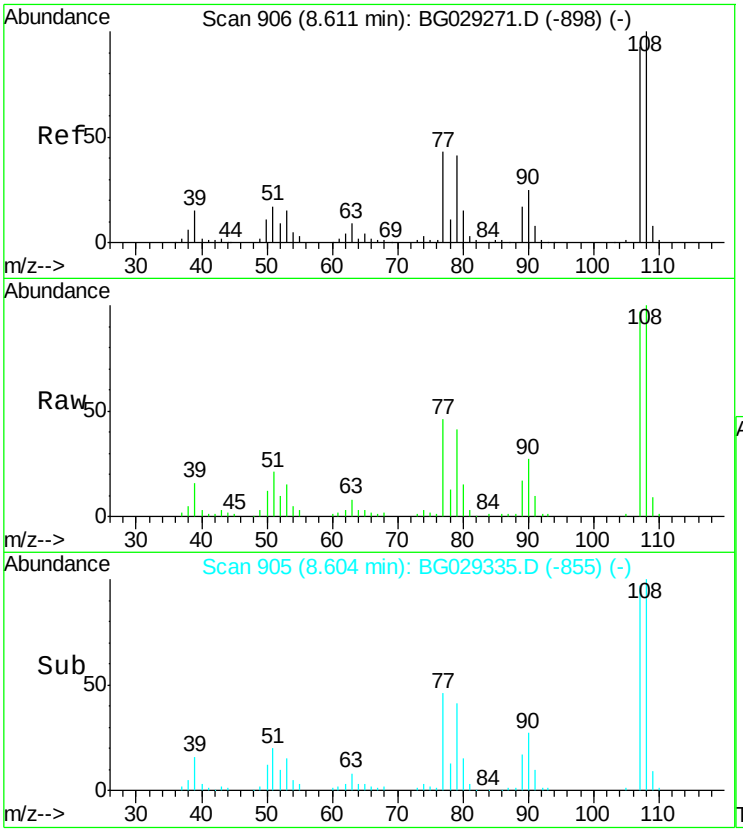


#10
Phenol
Concen: 36.492 ng
RT: 7.35 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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



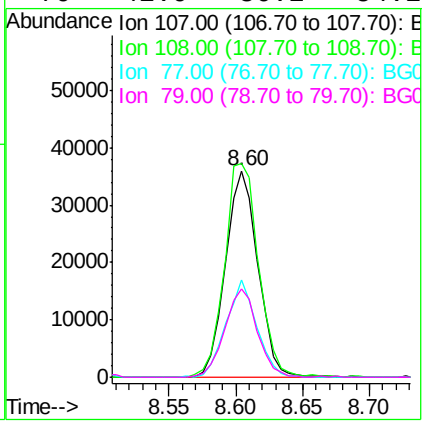


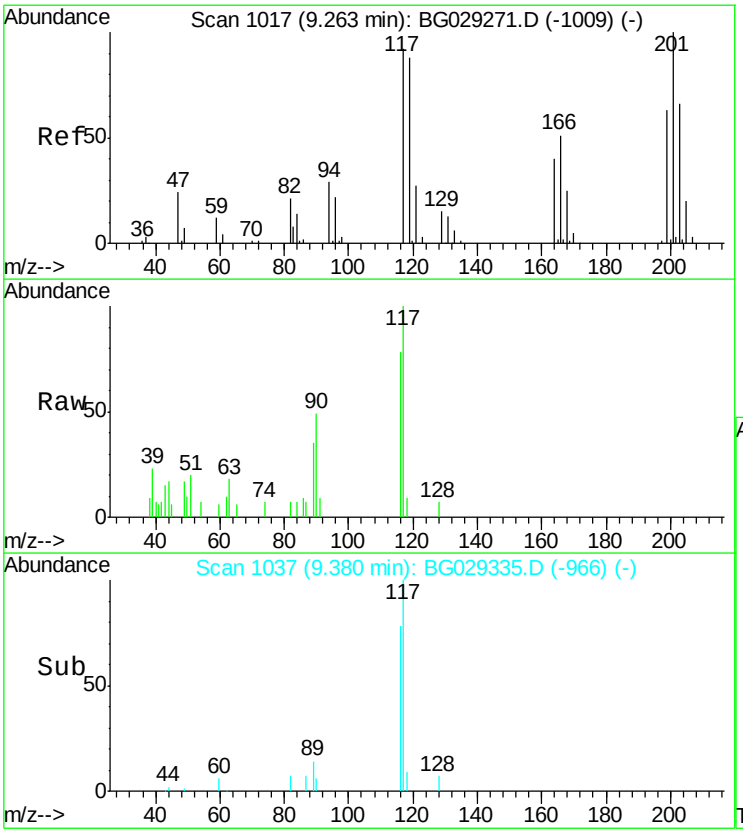
#17
2-Methylphenol
Concen: 15.434 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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

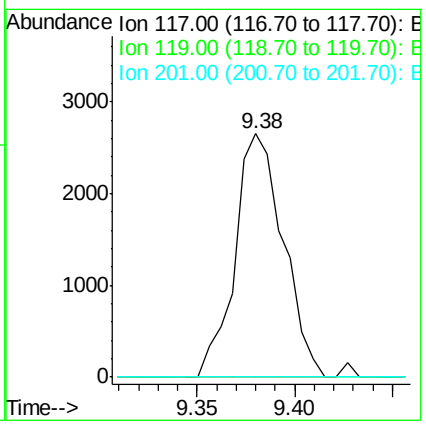


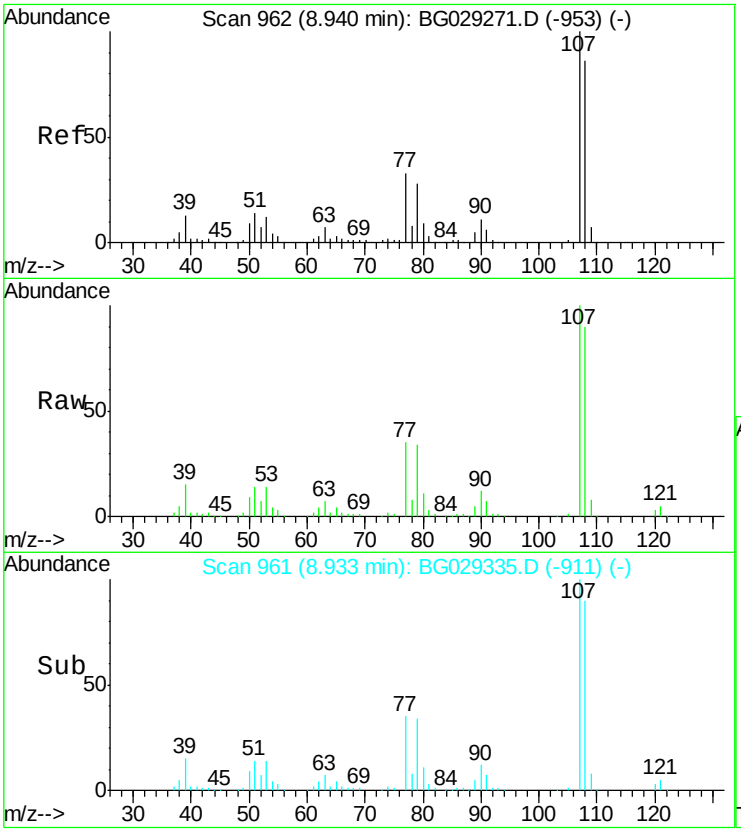


#18
Hexachloroethane
Concen: 2.567 ng
RT: 9.38 min Scan# 1037
Delta R.T. 0.12 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:117 Resp: 4527

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
201	0.0	95.7	143.5#



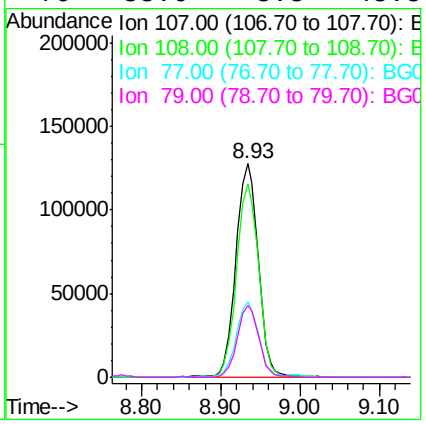


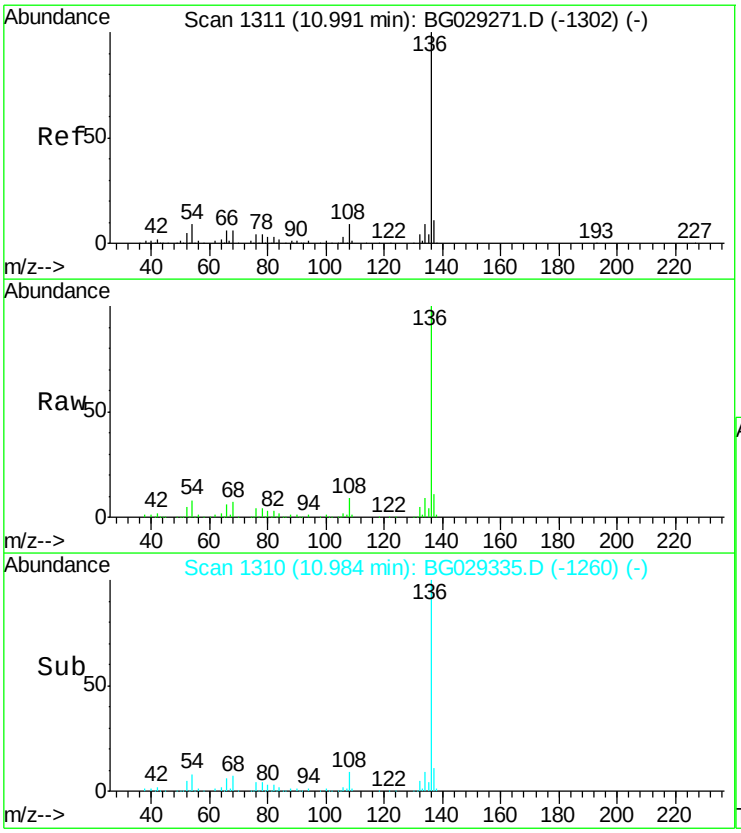
#20
3+4-Methylphenols
Concen: 44.409 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

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

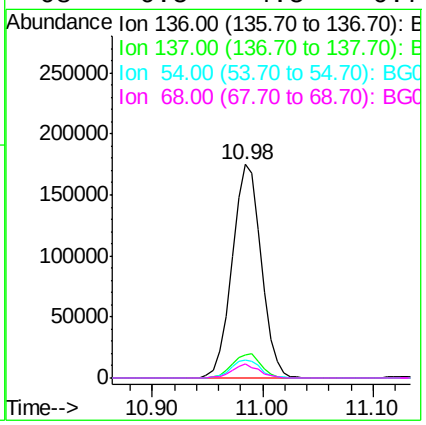


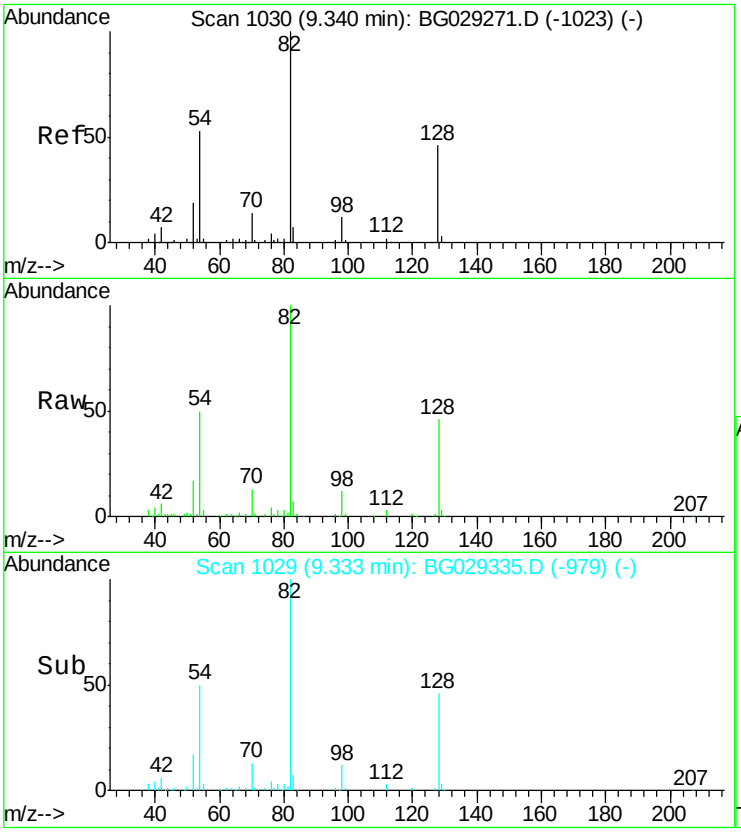


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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



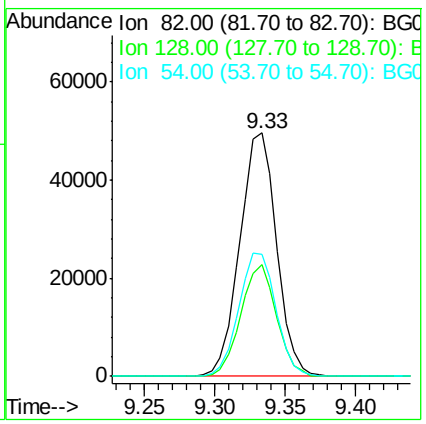


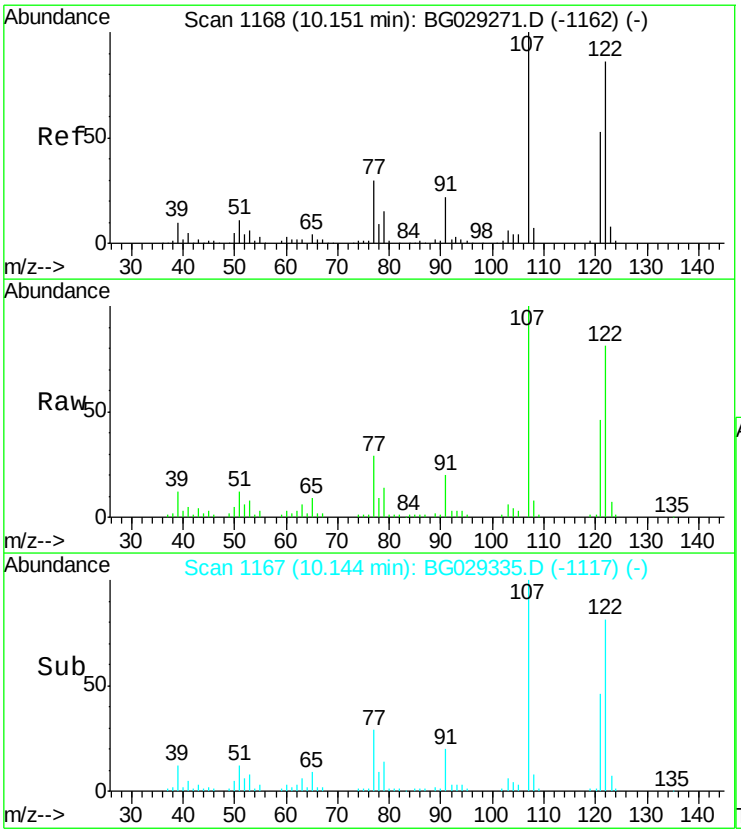
#23
Nitrobenzene-d5
Concen: 17.838 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

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

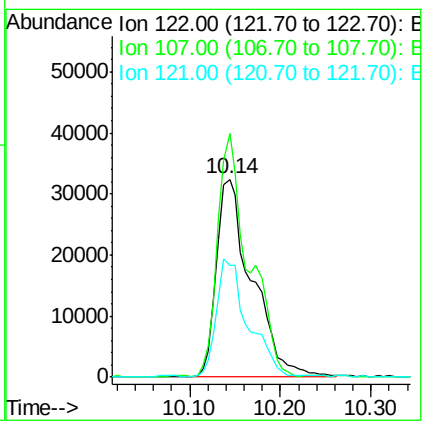


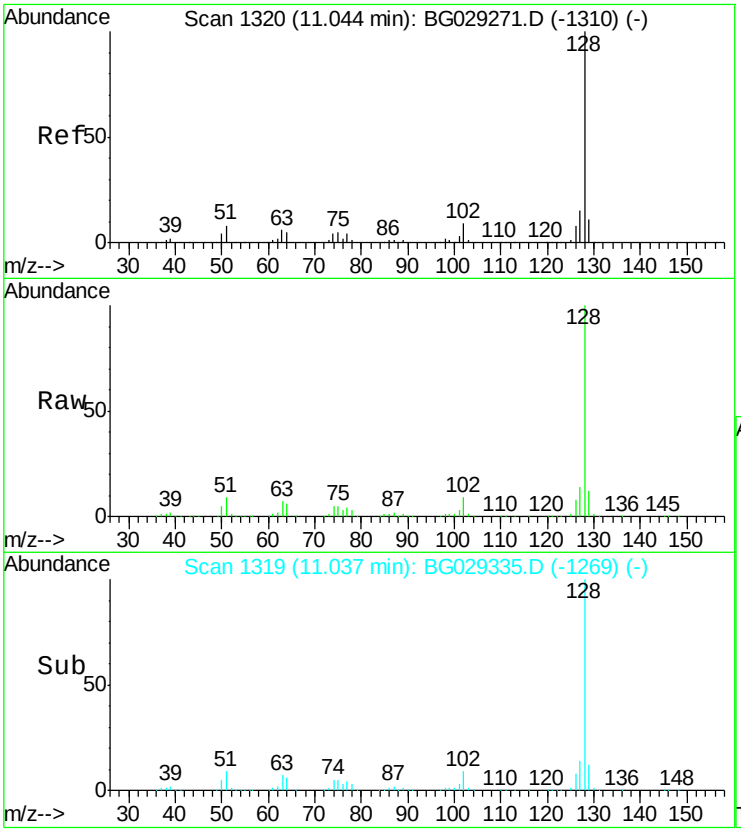


#27
2,4-Dimethylphenol
Concen: 17.767 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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



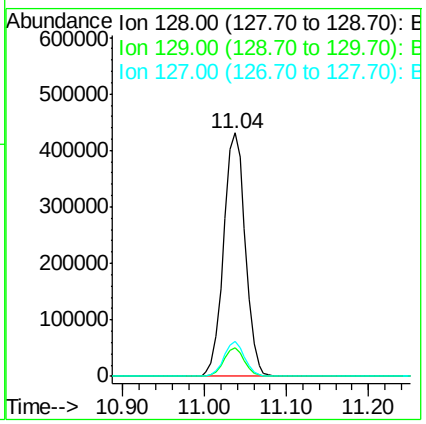


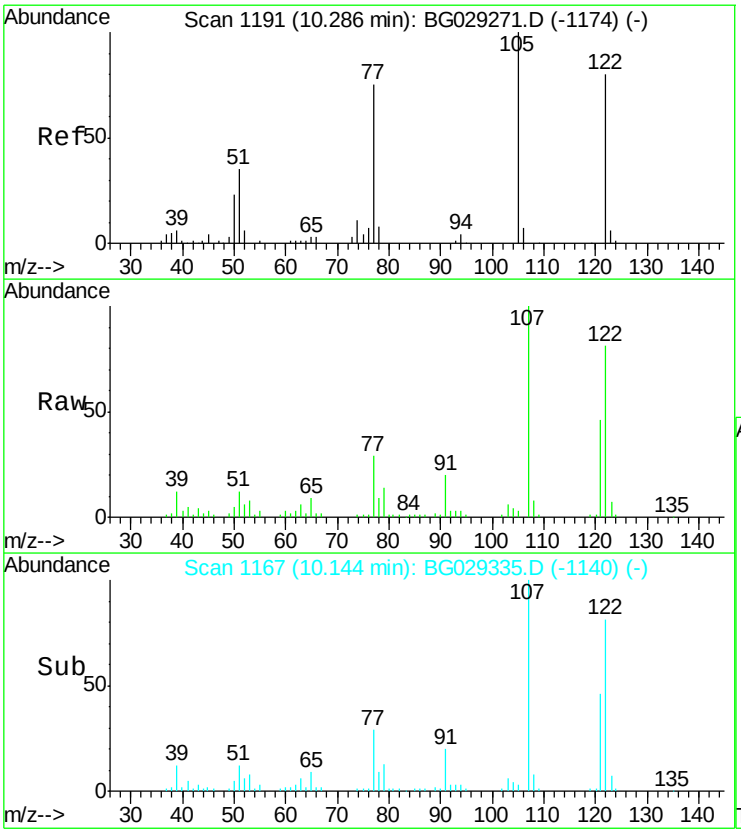
#31
Naphthalene
Concen: 49.286 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

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

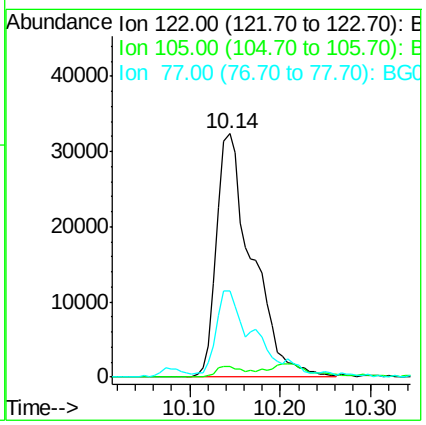


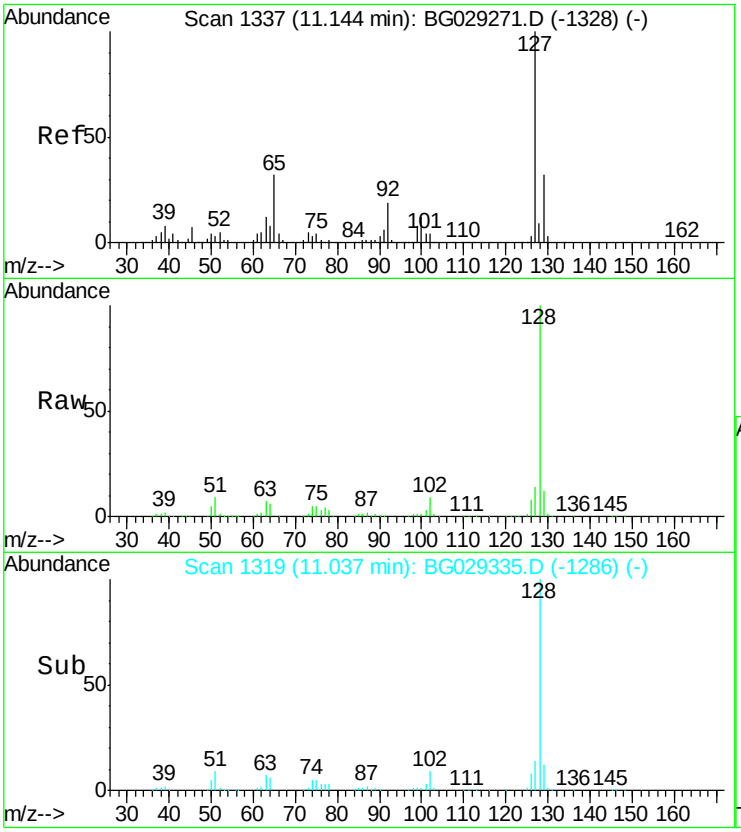


#32
Benzoic acid
Concen: 21.219 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.14 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Tgt Ion:122 Resp: 87810

Ion	Ratio	Lower	Upper
122	100		
105	4.2	123.5	163.5#
77	35.6	85.7	125.7#



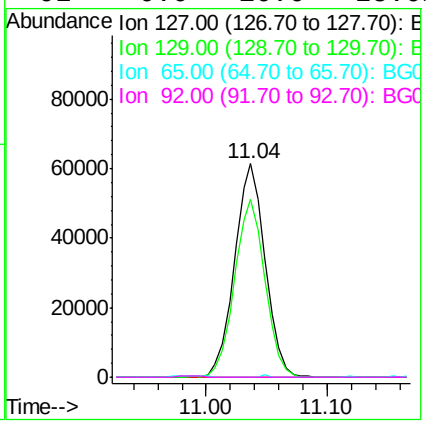


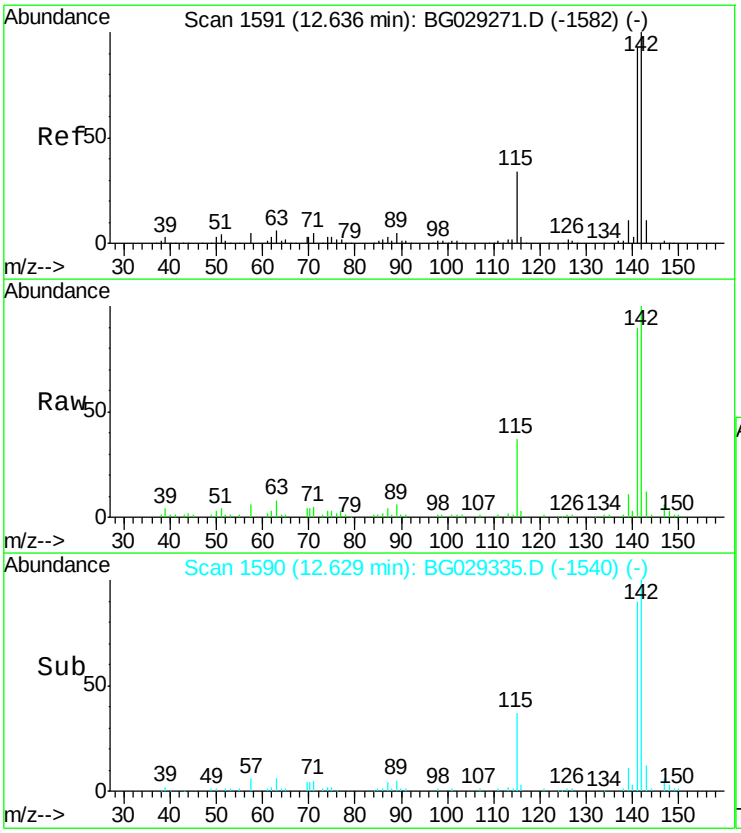
#33
4-Chloroaniline
Concen: 15.970 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.11 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:127 Resp: 108150

Ion	Ratio	Lower	Upper
127	100		
129	83.5	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

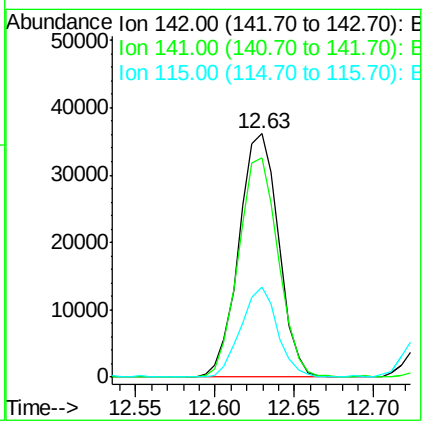


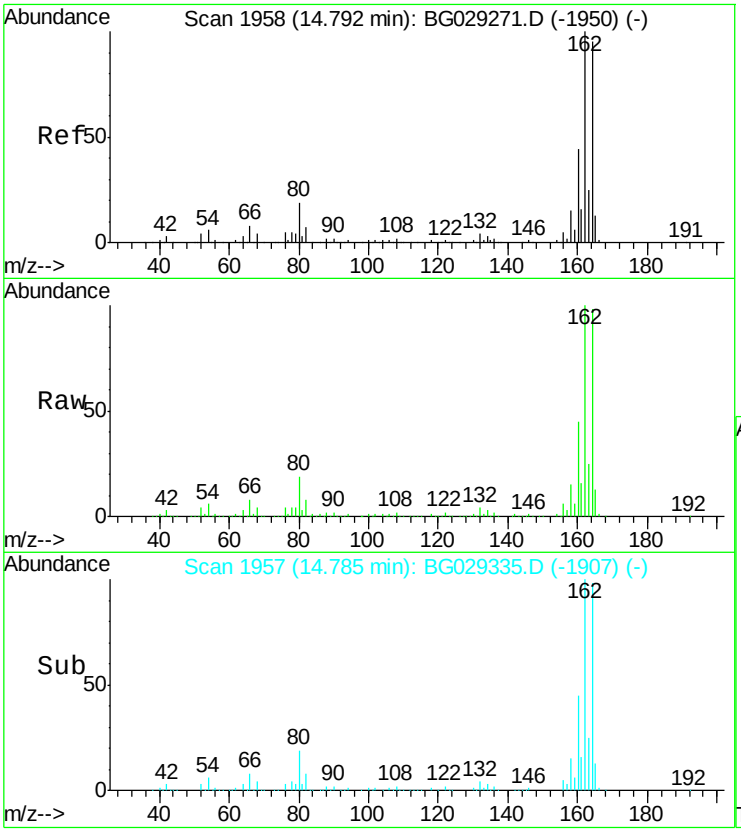


#37
2-Methylnaphthalene
Concen: 5.343 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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



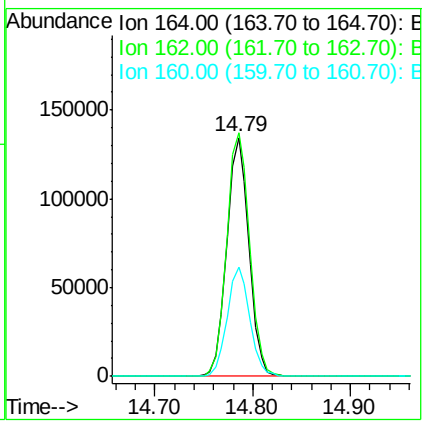


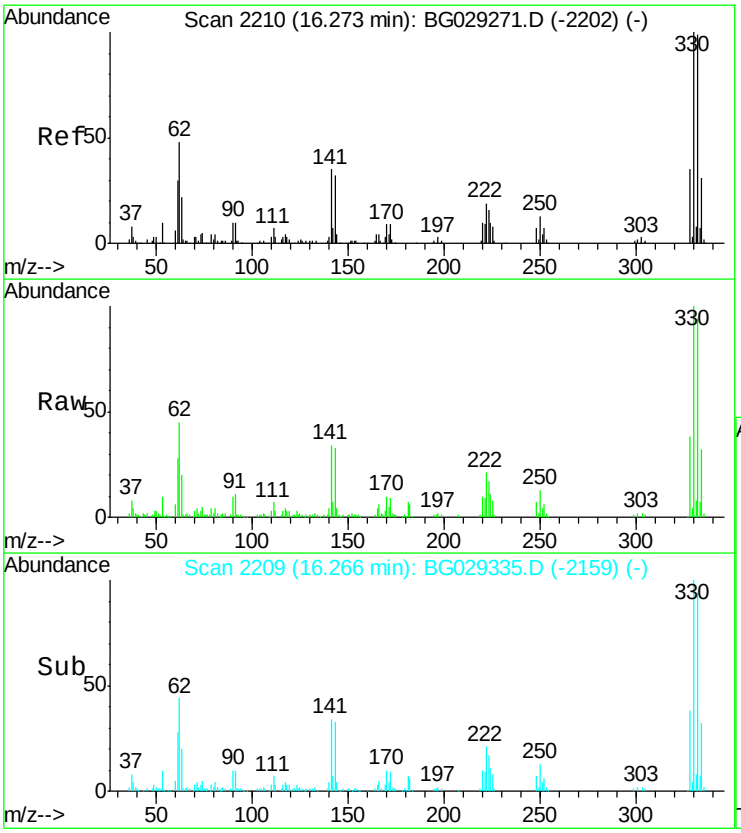
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

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

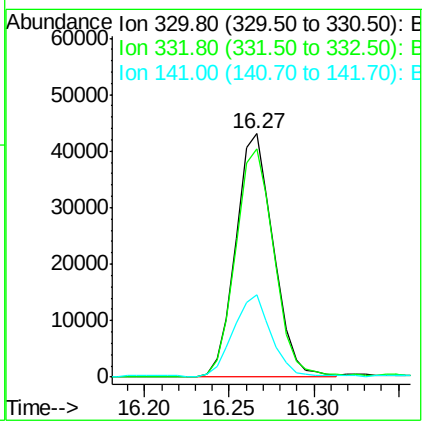


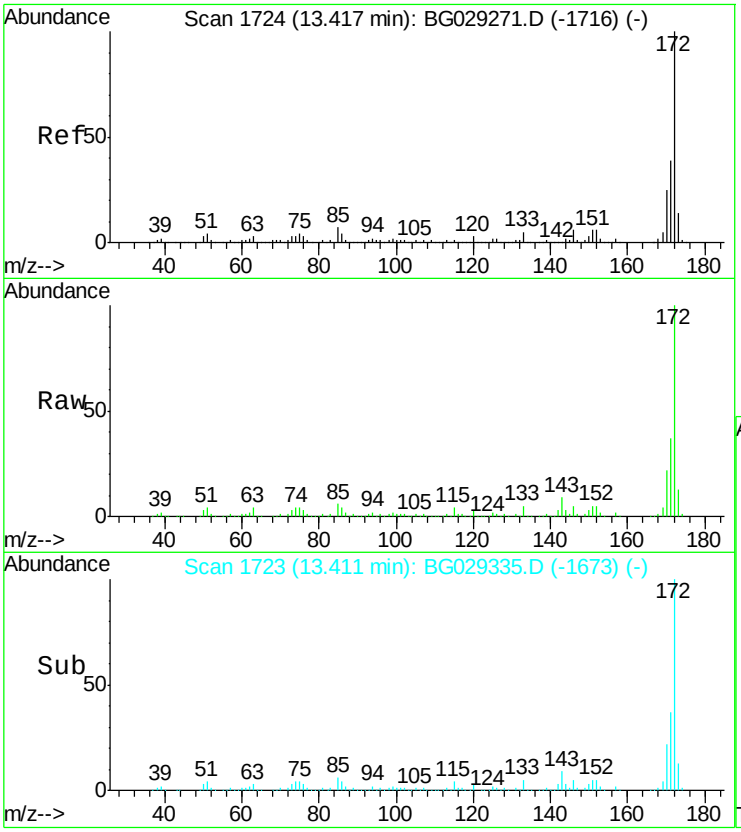


#41
2,4,6-Tribromophenol
Concen: 24.553 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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



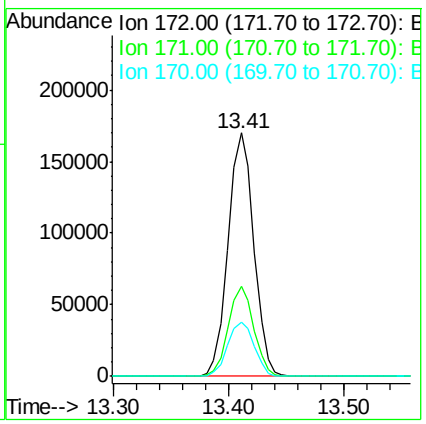


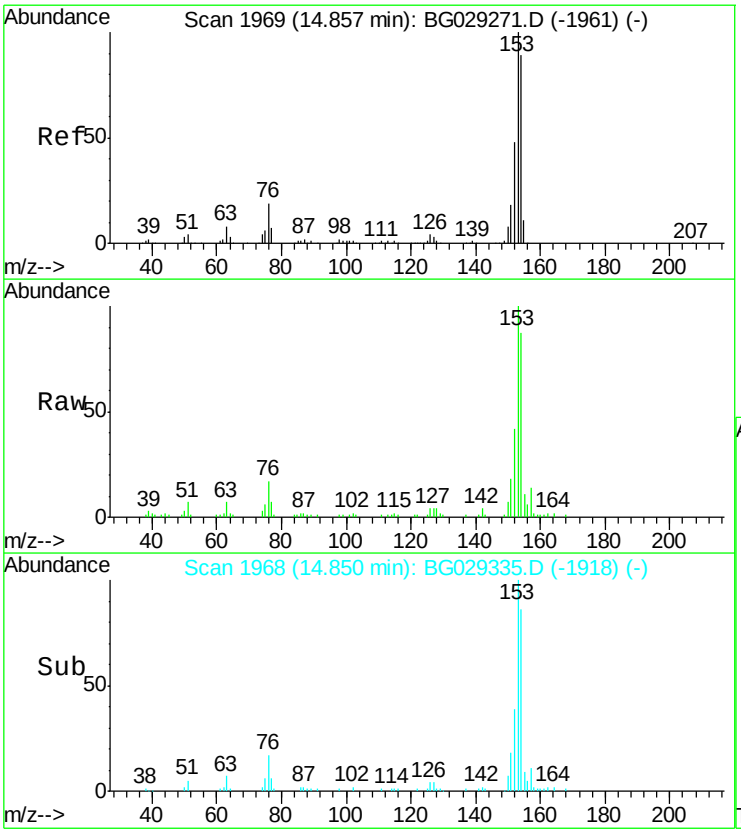
#44
2-Fluorobiphenyl
Concen: 18.227 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

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

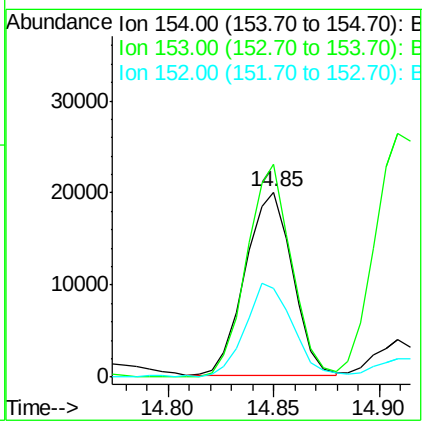


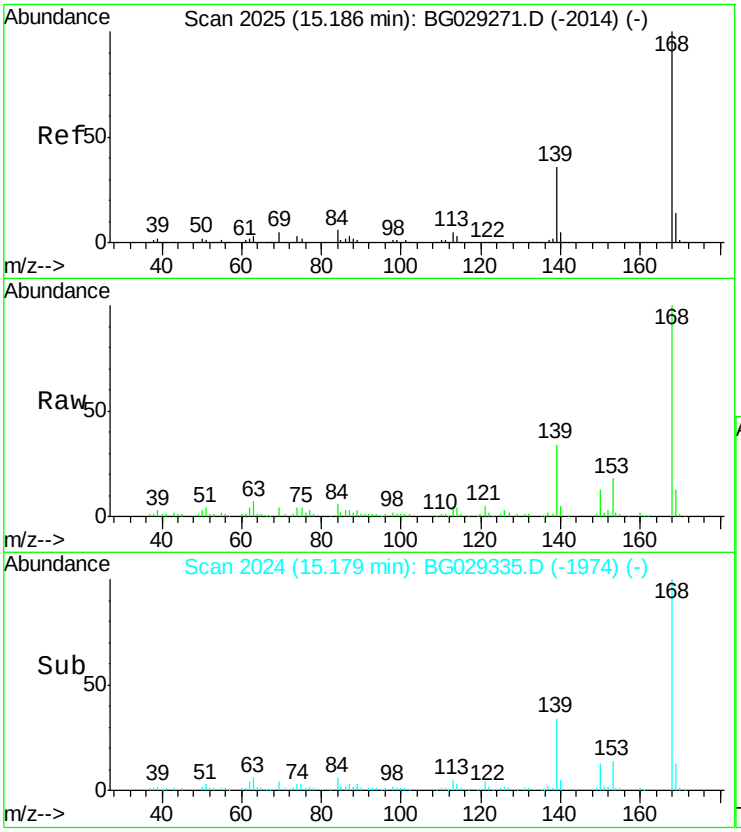


#51
Acenaphthene
Concen: 2.308 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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



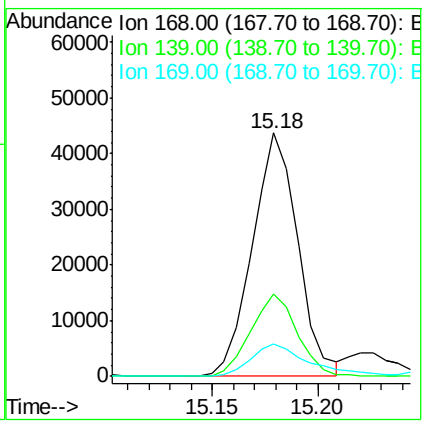


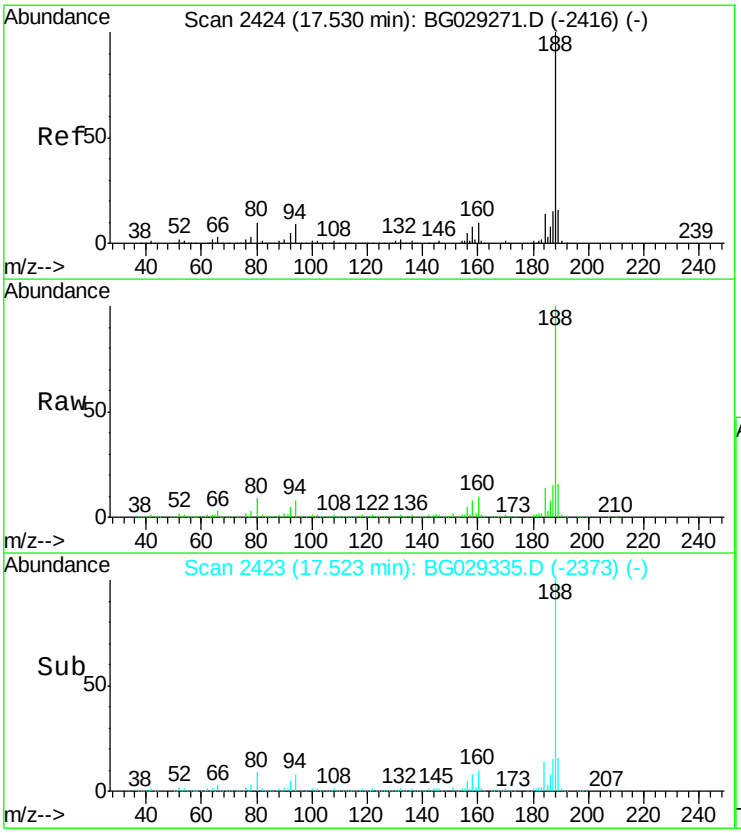
#54
Dibenzofuran
Concen: 3.393 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

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

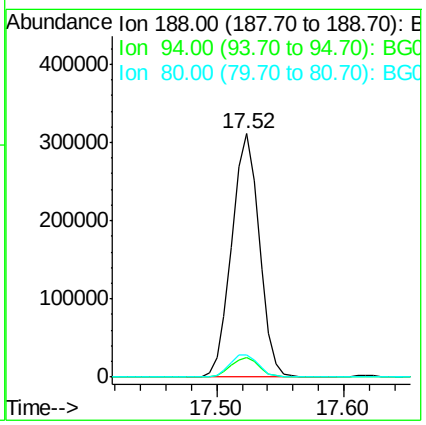


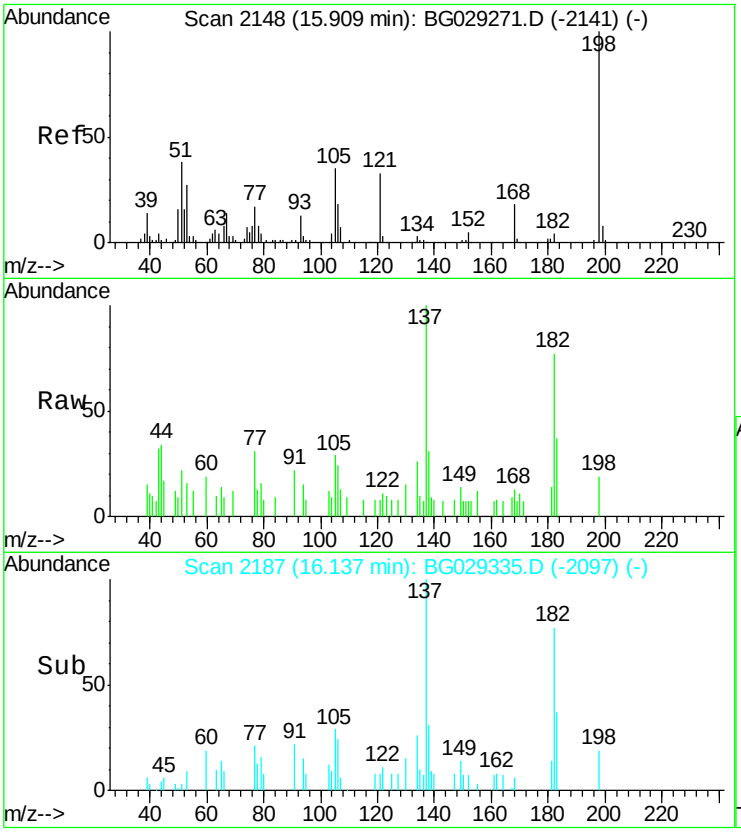


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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



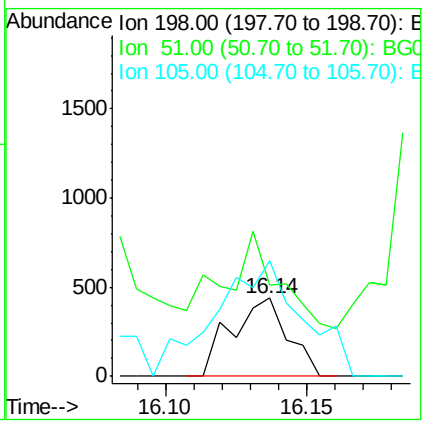


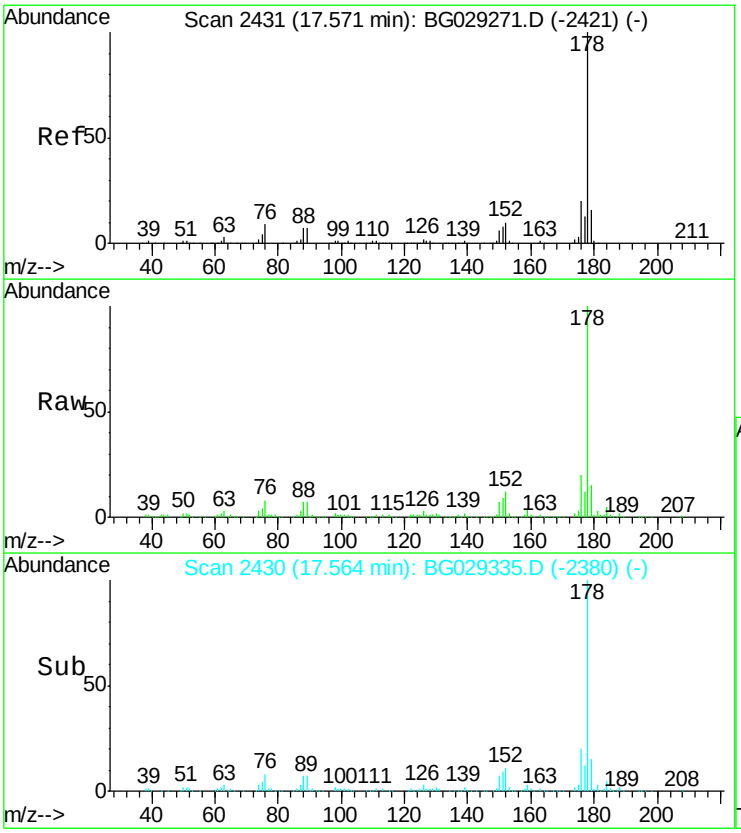
#64
4,6-Dinitro-2-methylphenol
Concen: 5.205 ng
RT: 16.14 min Scan# 2187
Delta R.T. 0.23 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:198 Resp: 609

Ion	Ratio	Lower	Upper
198	100		
51	116.4	30.6	70.6#
105	148.6	23.8	63.8#

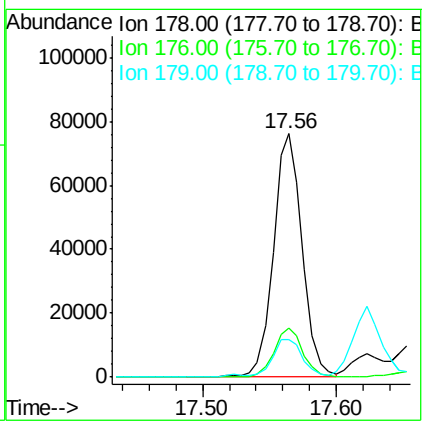


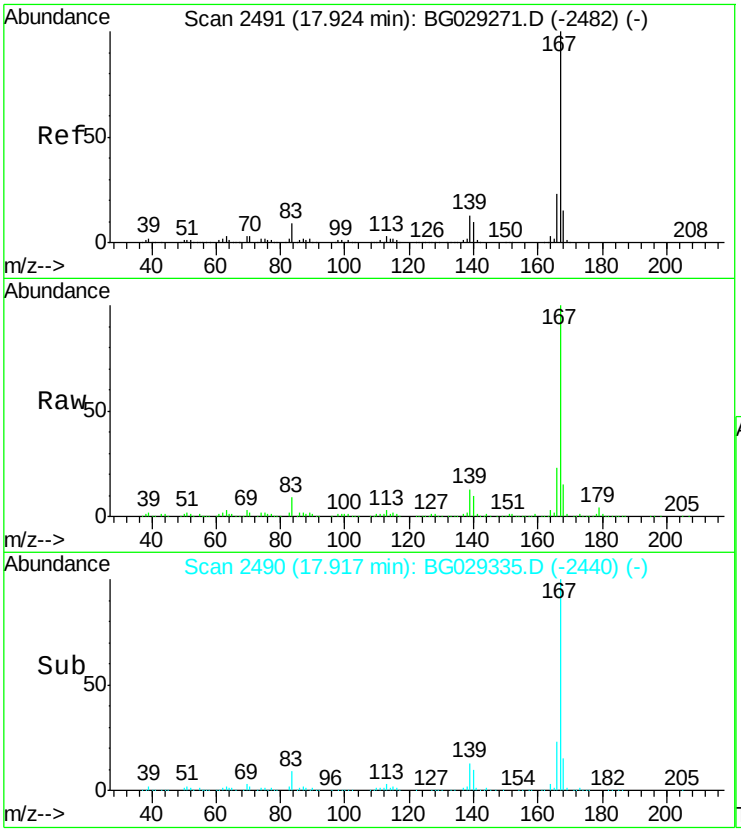


#70
Phenanthrene
Concen: 4.725 ng
RT: 17.56 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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



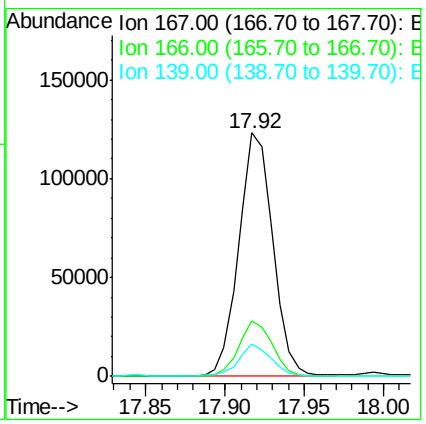


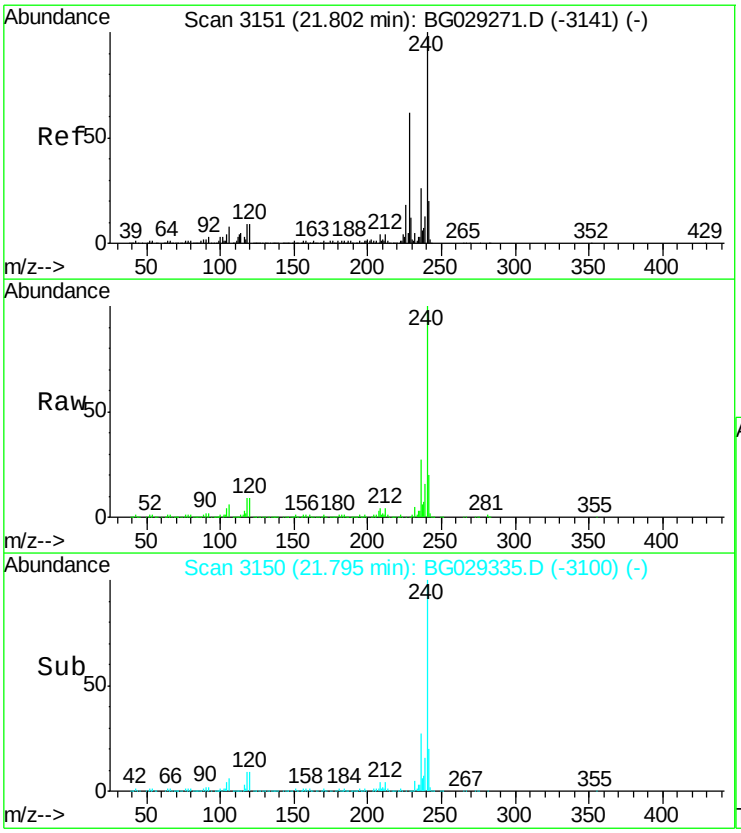
#72
Carbazole
Concen: 7.823 ng
RT: 17.92 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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

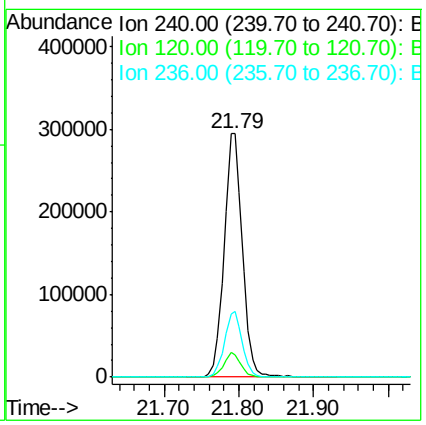


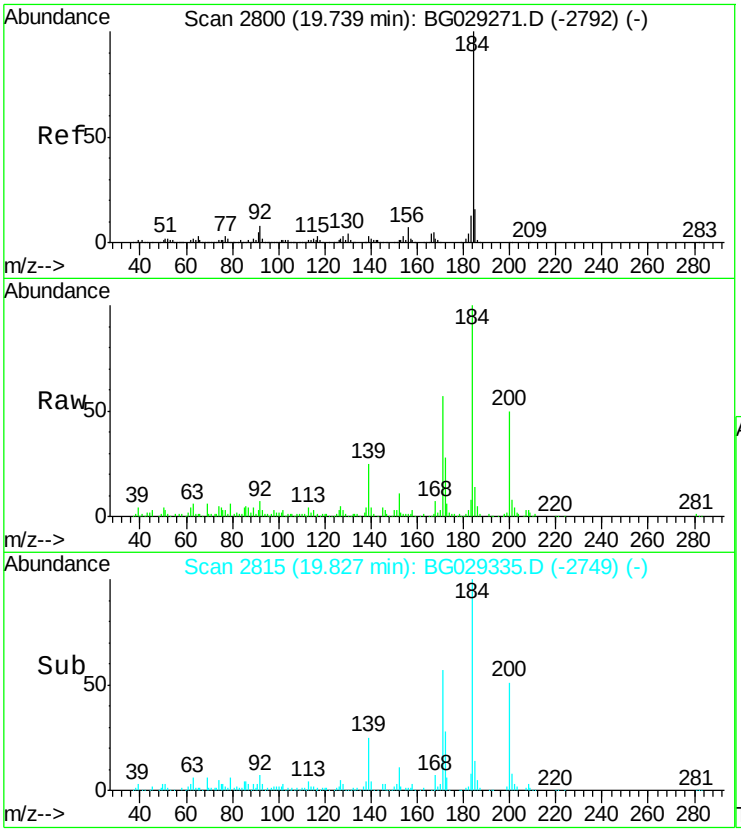


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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



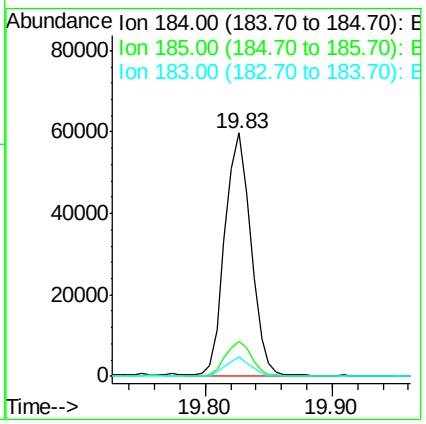


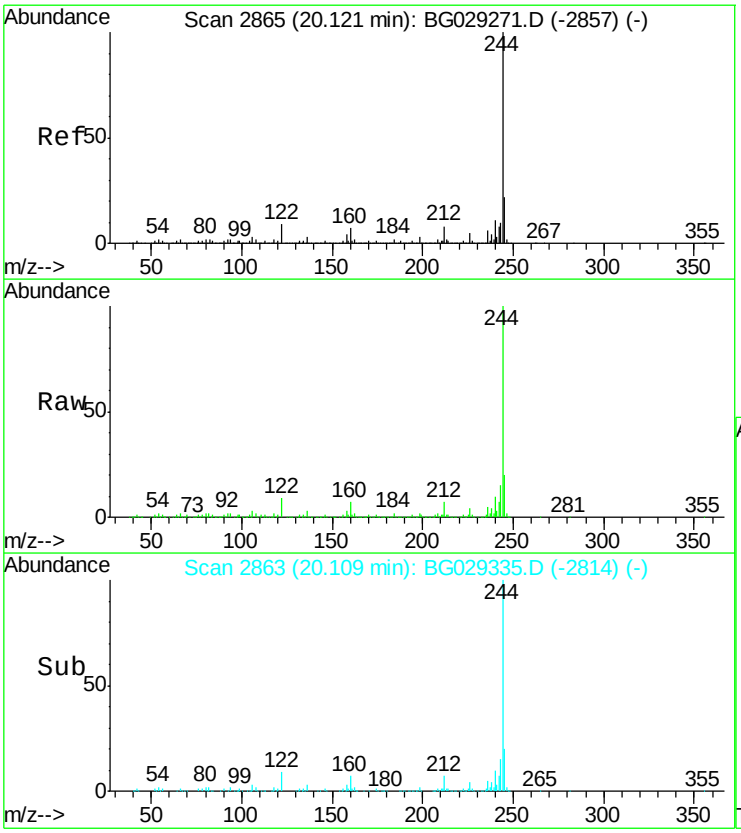
#76
Benzidine
Concen: 5.583 ng
RT: 19.83 min Scan# 2815
Delta R.T. 0.09 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

Tgt Ion:184 Resp: 84982

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	8.3	10.6	16.0#

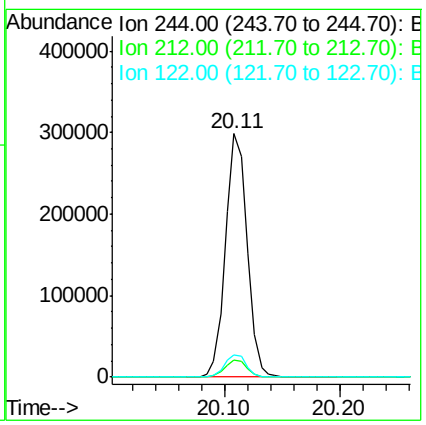


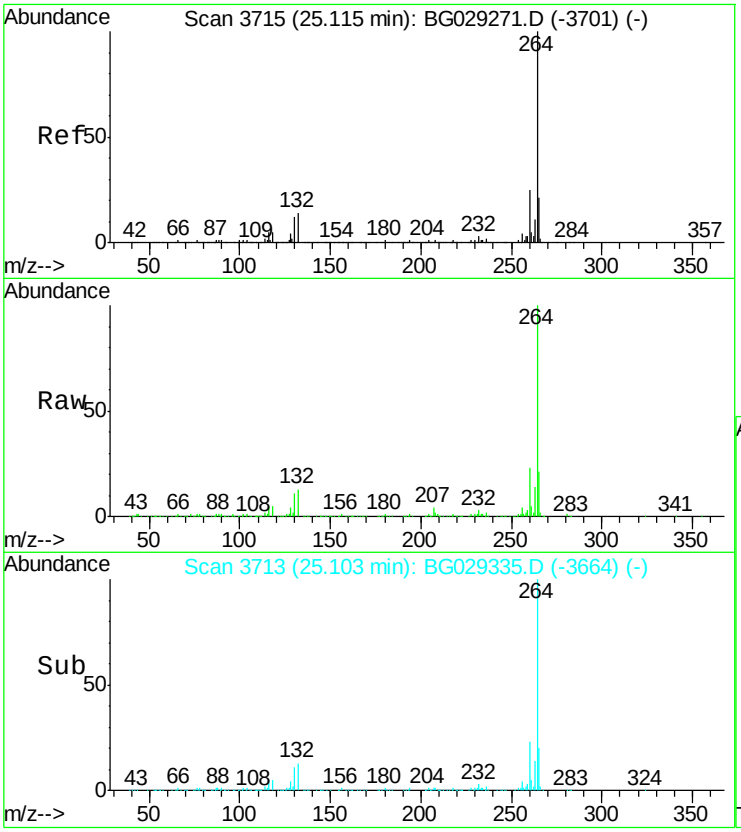


#78
Terphenyl-d14
Concen: 17.513 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG029335.D
Acq: 18 Oct 2017 15:47

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

Instrument :
BNA_G
ClientSampleId :
WH-TWS-06DL

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