Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029277.D
Acq On : 16 Oct 2017 17:23
Operator : SJ/JU
Sample : I5266-03DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WPDL

Quant Time: Oct 16 18:03:04 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	60968	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	290521	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	184946	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	411908	20.00	ng	0.00
75) Chrysene-d12	21.80	240	430183	20.00	ng	0.00
86) Perylene-d12	25.11	264	439976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	109071	29.89	ng	0.00
7) Phenol-d6	7.32	99	155738	30.40	ng	0.00
23) Nitrobenzene-d5	9.33	82	91315	19.97	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	70346	29.46	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	273927	21.72	ng	0.00
78) Terphenyl-d14	20.12	244	415989	22.00	ng	0.00
Target Compounds						Qvalue
11) bis(2-Chloroethyl)ether	7.58	93	100599	25.001	ng	91
13) 1,4-Dichlorobenzene	8.21	146	50511	10.534	ng	93
18) Hexachloroethane	9.26	117	29944	18.325	ng	95
24) Nitrobenzene	9.38	77	56022	10.899	ng	96
25) Isophorone	9.90	82	45936	4.813	ng	97
31) Naphthalene	11.04	128	374685	25.878	ng	98
34) Hexachlorobutadiene	11.32	225	46297	14.541	ng	97
37) 2-Methylnaphthalene	12.63	142	211433	20.036	ng	93
46) 2-Chloronaphthalene	13.67	162	133019	11.472	ng	97
48) Acenaphthylene	14.51	152	257900	14.212	ng	98
49) Dimethylphthalate	14.23	163	376069	26.062	ng	99
51) Acenaphthene	14.85	154	157127	13.308	ng	98
54) Dibenzofuran	15.19	168	446927	26.515	ng	99
57) Fluorene	15.83	166	302078	21.694	ng	97
59) Diethylphthalate	15.59	149	264618	18.401	ng	99
60) 4-Chlorophenyl-phenylether	15.82	204	124450	16.763	ng	95
66) 4-Bromophenyl-phenylether	16.71	248	21198	4.485	ng	98
70) Phenanthrene	17.57	178	74940	3.522	ng	98
74) Fluoranthene	19.56	202	266917	10.724	ng	99
77) Pyrene	19.92	202	265636	10.179	ng	99
82) Chrysene	21.84	228	364890	15.086	ng	98
84) Di-n-octyl phthalate	22.92	149	408516	14.691	ng	97
85) Indeno(1,2,3-cd)pyrene	28.90	276	549670	18.472	ng	99
87) Benzo(b)fluoranthene	24.06	252	747247	29.666	ng	99
88) Benzo(k)fluoranthene	24.12	252	191399	7.627	ng	99
89) Benzo(a)pyrene	24.95	252	146484	6.049	ng	98
90) Dibenzo(a,h)anthracene	28.96	278	172311	7.029	ng	97
91) Benzo(g,h,i)perylene	30.09	276	593025	26.034	ng	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029277.D
Acq On : 16 Oct 2017 17:23
Operator : SJ/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Quant Time: Oct 16 18:03:04 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
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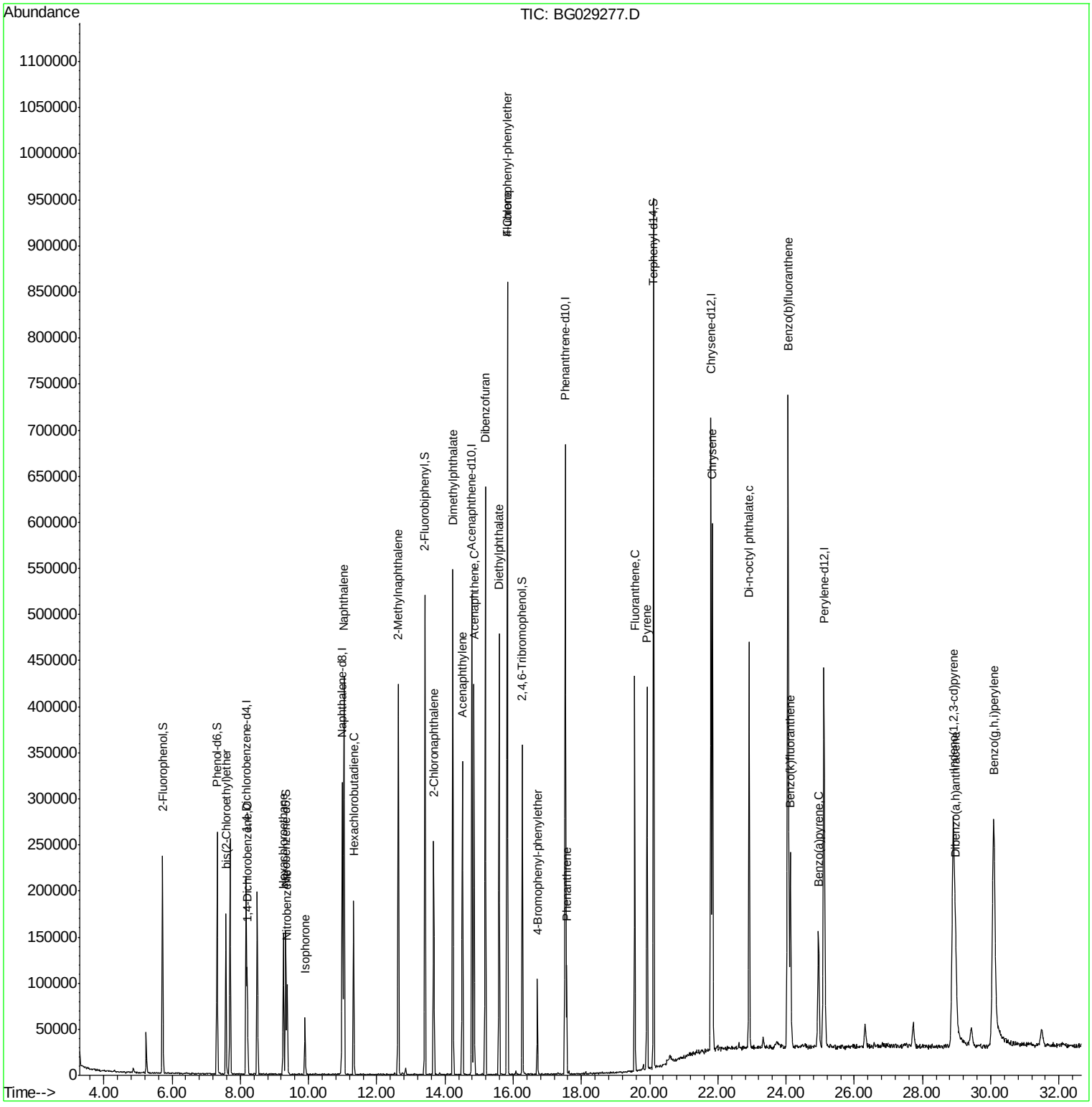
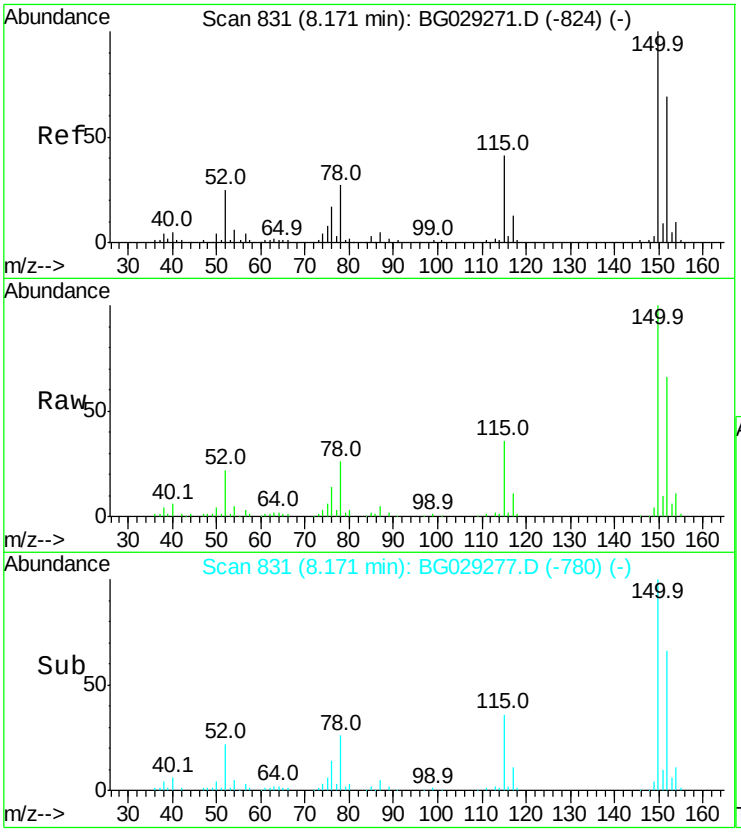


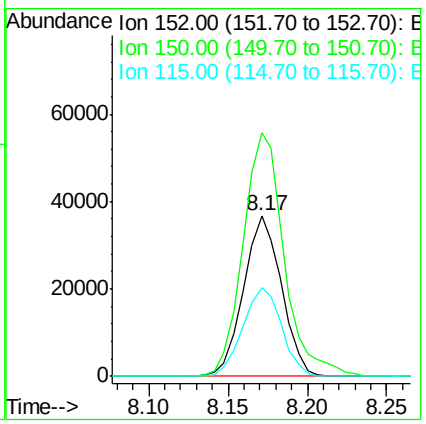


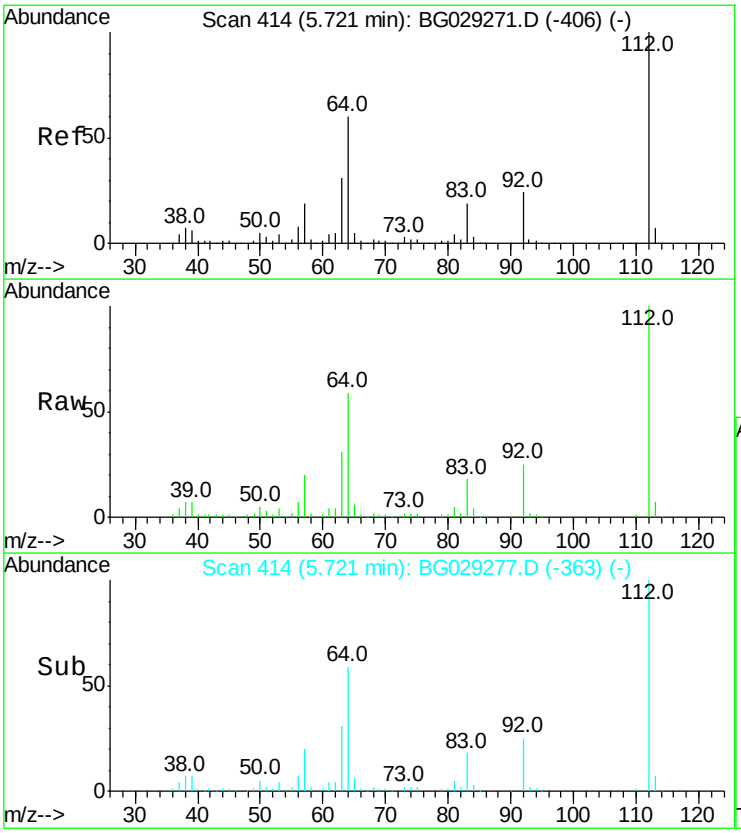
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 60968

Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	55.1	53.0	79.4

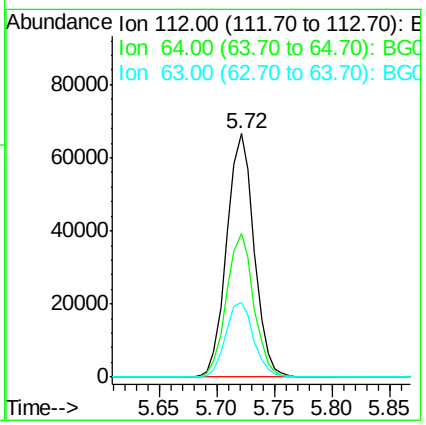


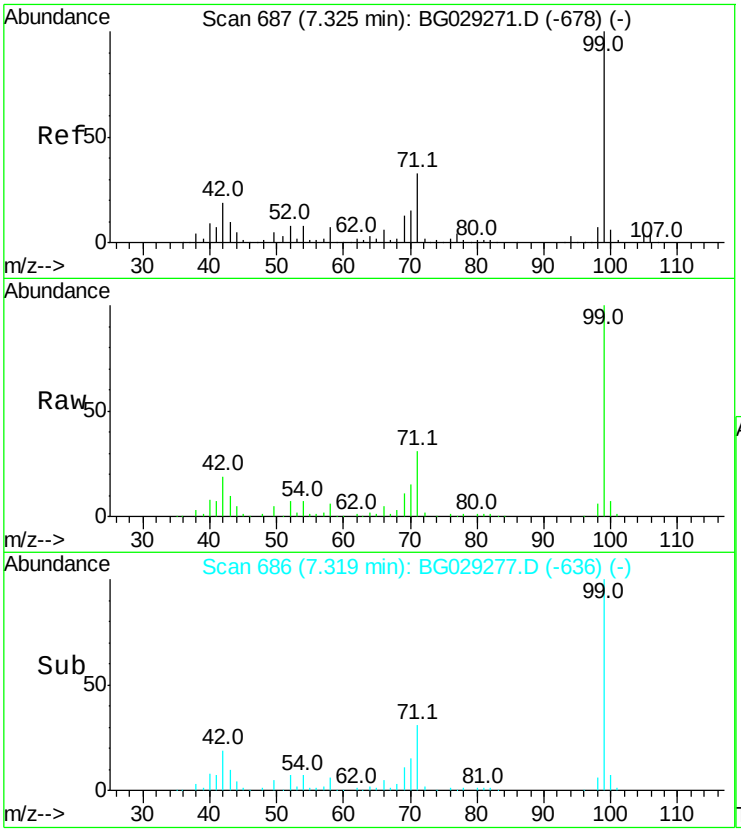


#5
2-Fluorophenol
Concen: 29.886 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:112 Resp: 109071

Ion	Ratio	Lower	Upper
112	100		
64	59.1	56.3	84.5
63	30.9	30.1	45.1



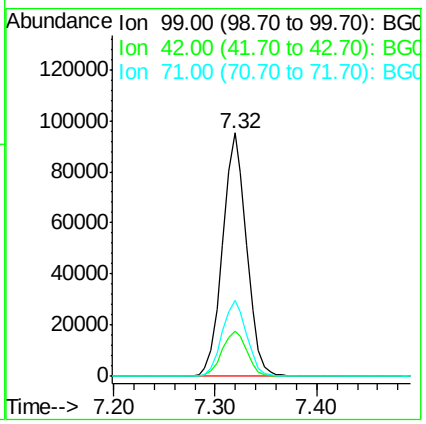


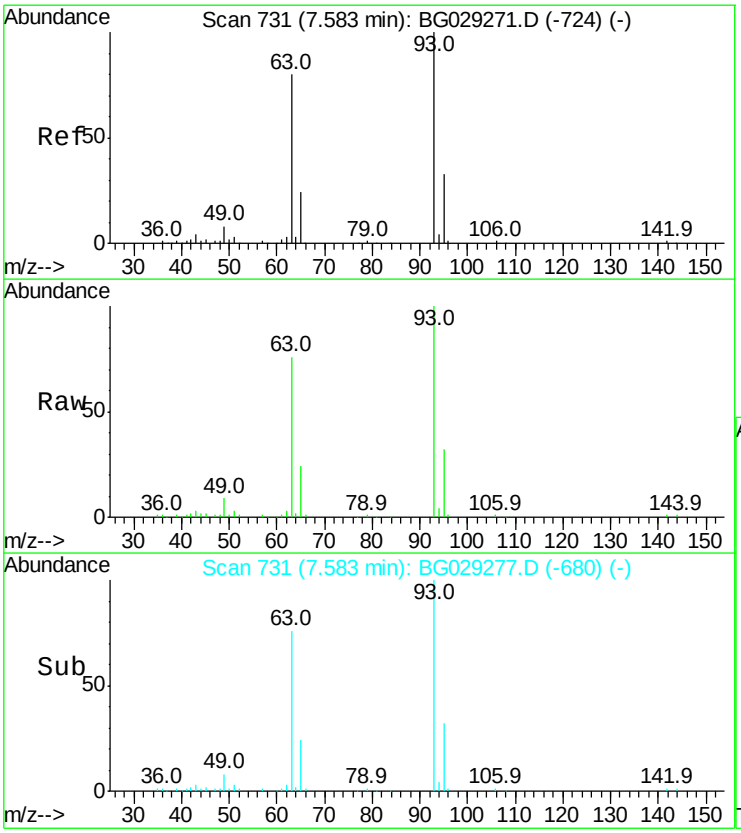
#7
Phenol-d6
Concen: 30.401 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 99 Resp: 155738

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	31.0	26.1	39.1

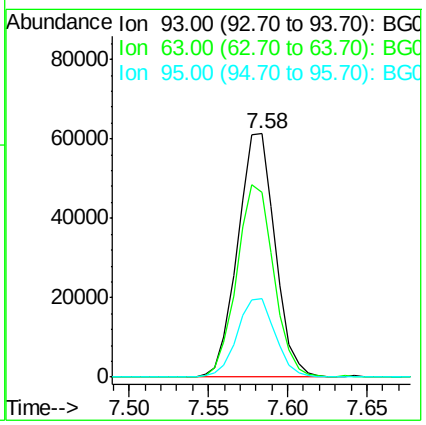


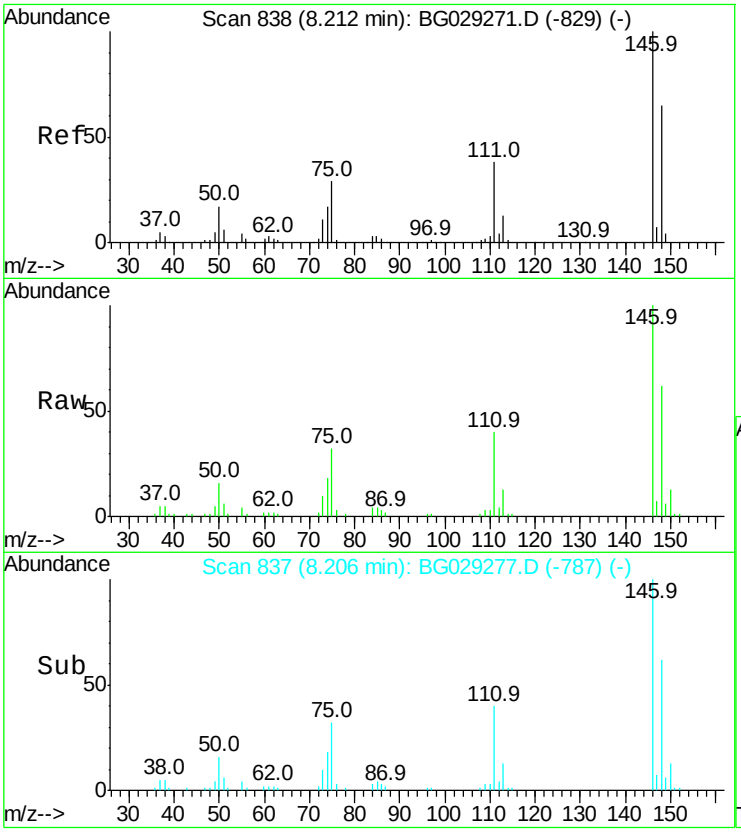


#11
bis(2-Chloroethyl)ether
Concen: 25.001 ng
RT: 7.58 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion: 93 Resp: 100599

Ion	Ratio	Lower	Upper
93	100		
63	76.0	67.1	107.1
95	32.5	11.5	51.5



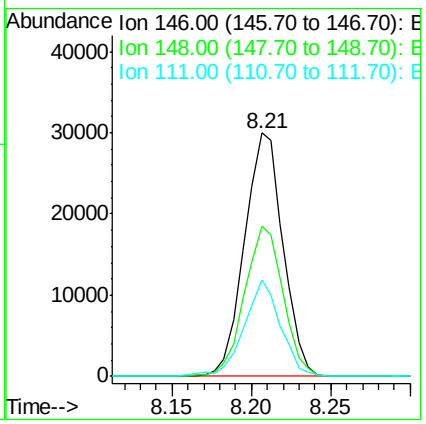


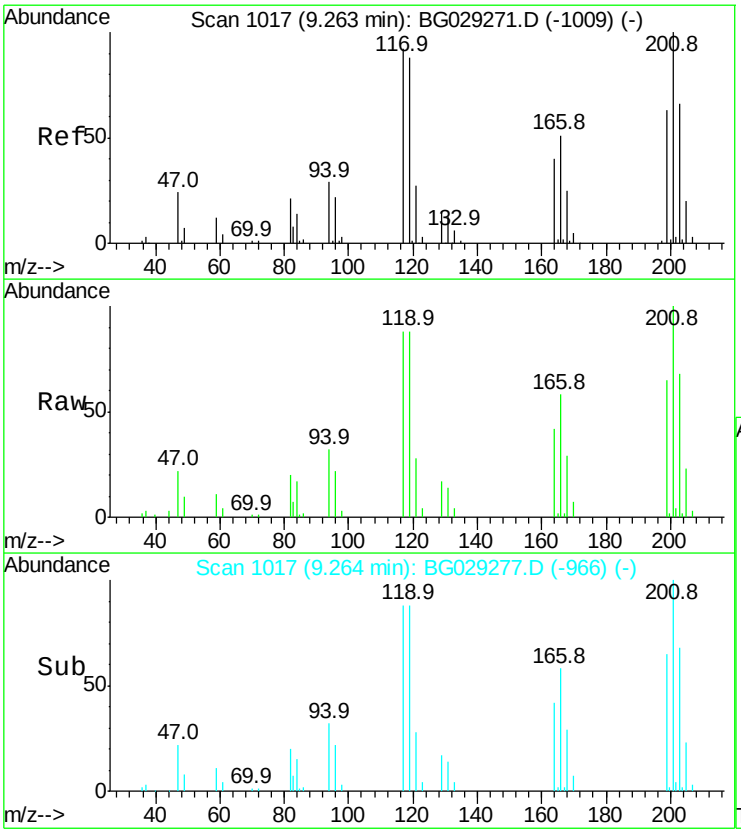
#13
1,4-Dichlorobenzene
Concen: 10.534 ng
RT: 8.21 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:146 Resp: 50511

Ion	Ratio	Lower	Upper
146	100		
148	61.8	53.7	80.5
111	39.6	35.2	52.8

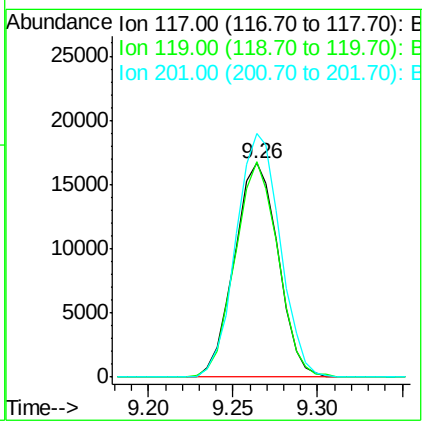


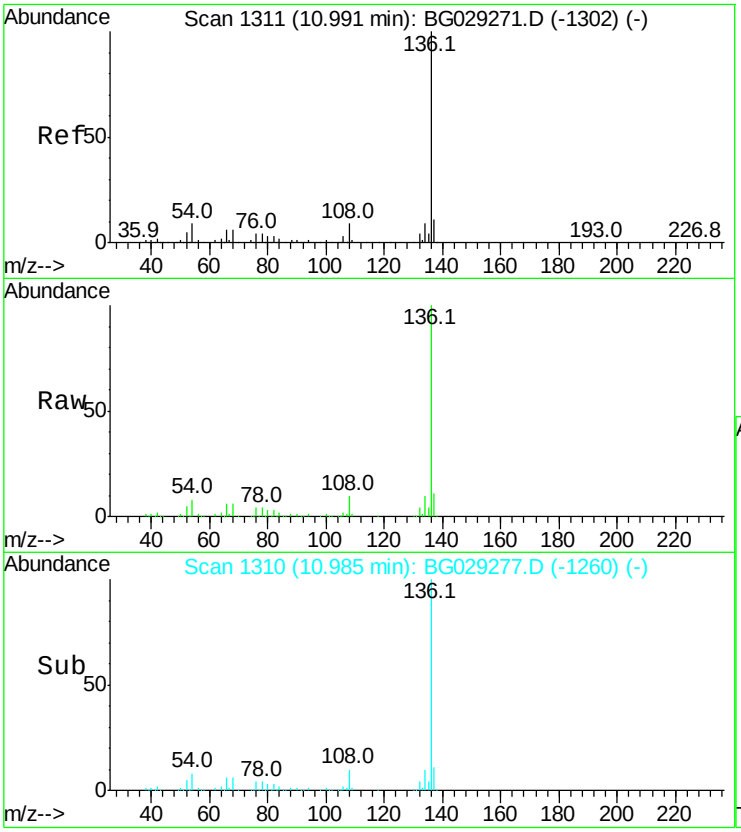


#18
Hexachloroethane
Concen: 18.325 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:117 Resp: 29944

Ion	Ratio	Lower	Upper
117	100		
119	100.6	76.7	115.1
201	113.9	95.7	143.5



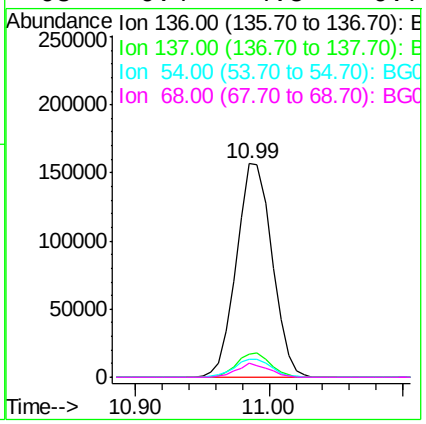


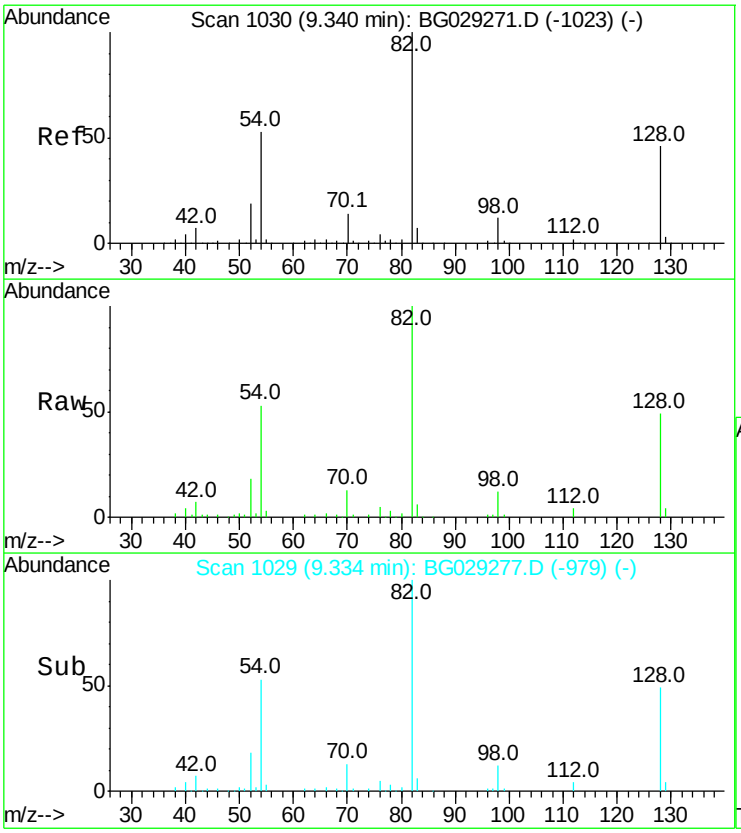
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:136 Resp: 290521

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.4	10.3	15.5#
68	6.4	4.5	6.7

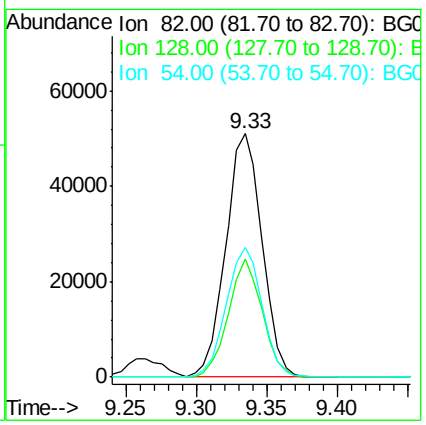


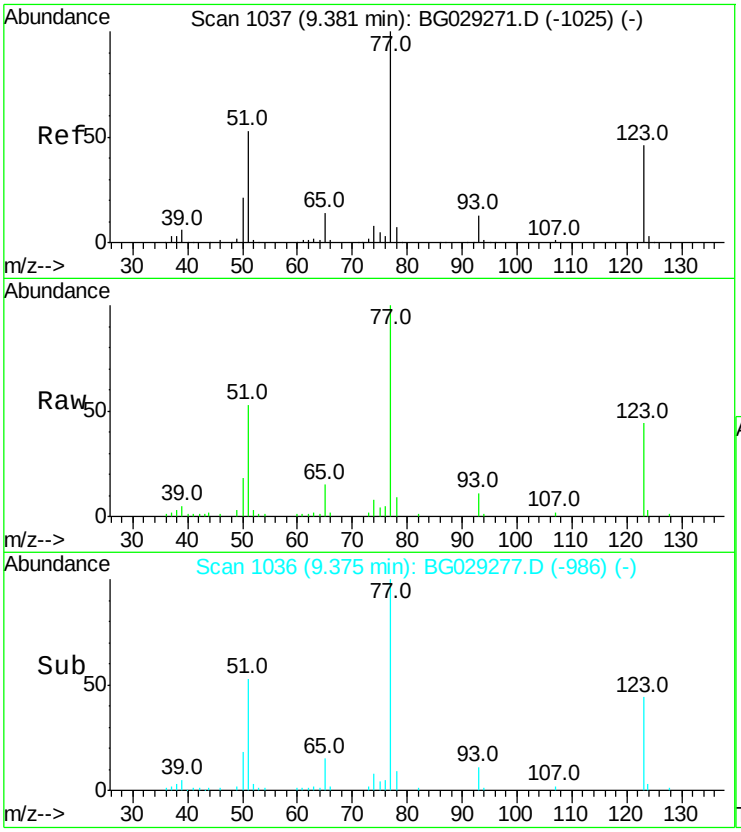


#23
Nitrobenzene-d5
Concen: 19.974 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion: 82 Resp: 91315

Ion	Ratio	Lower	Upper
82	100		
128	48.7	29.7	44.5#
54	53.3	43.1	64.7



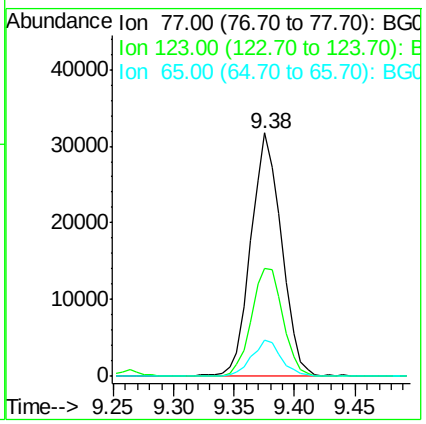


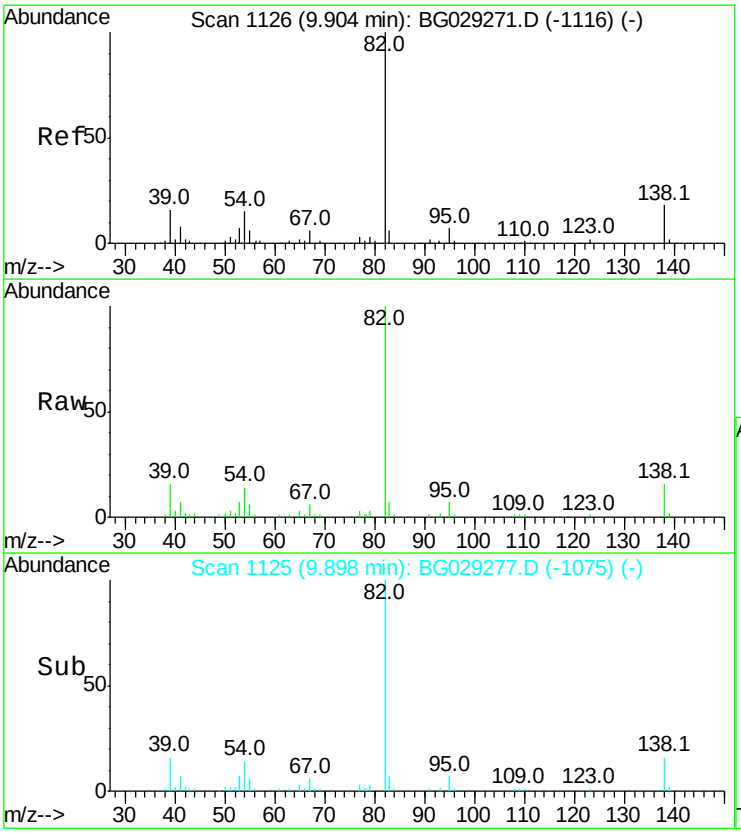
#24
Nitrobenzene
Concen: 10.899 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 77 Resp: 56022

Ion	Ratio	Lower	Upper
77	100		
123	44.3	33.0	49.6
65	14.7	13.0	19.6

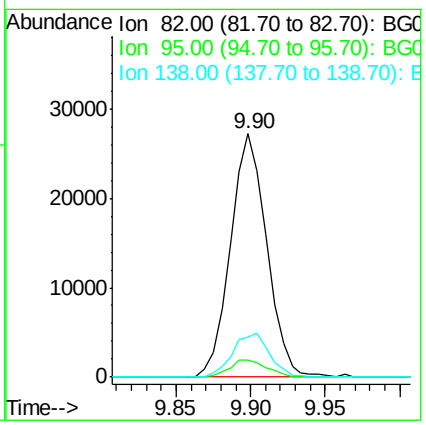


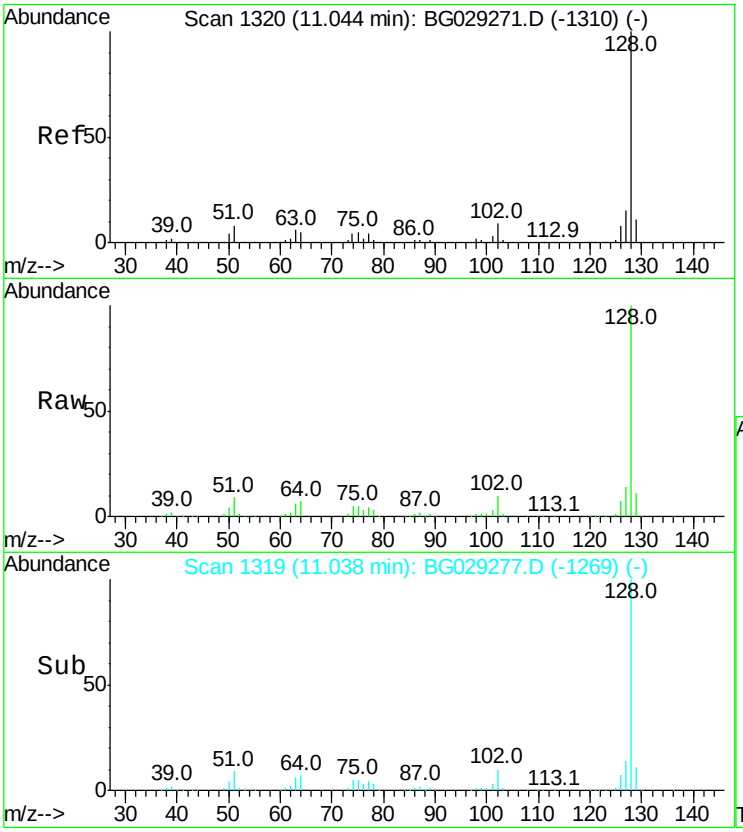


#25
Isophorone
Concen: 4.813 ng
RT: 9.90 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion: 82 Resp: 45936

Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.2	9.2
138	16.5	12.1	18.1



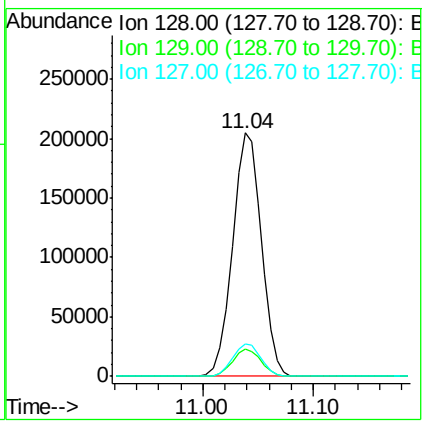


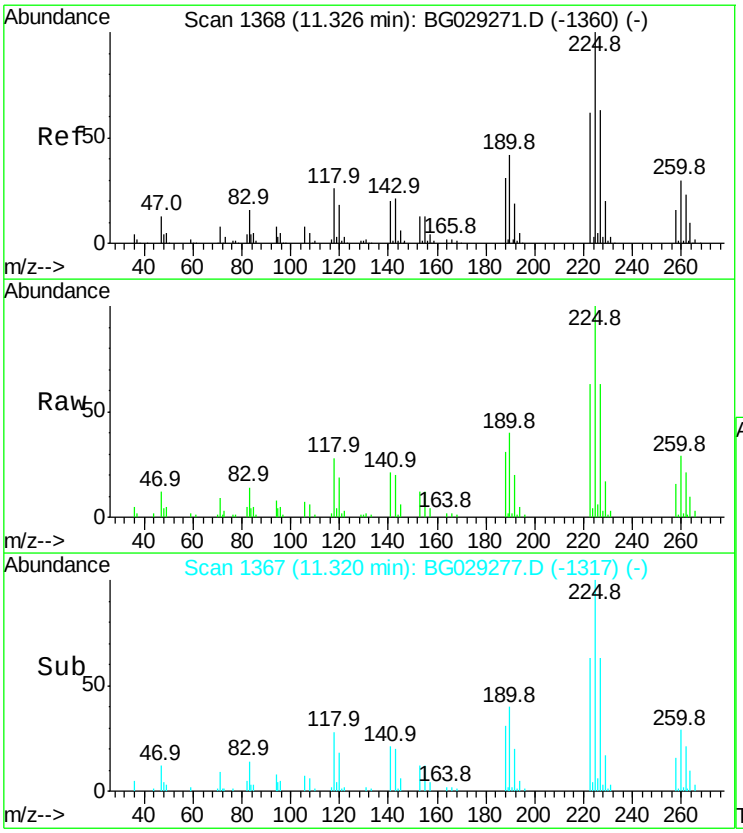
#31
Naphthalene
Concen: 25.878 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 374685

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.5	11.6	17.4

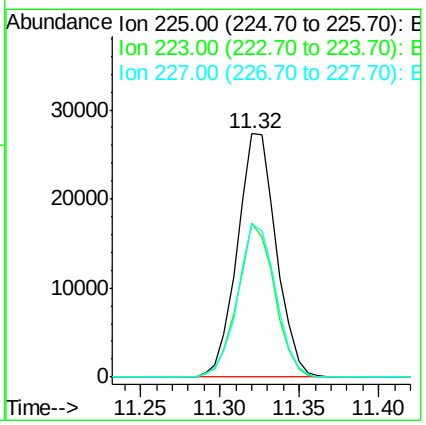


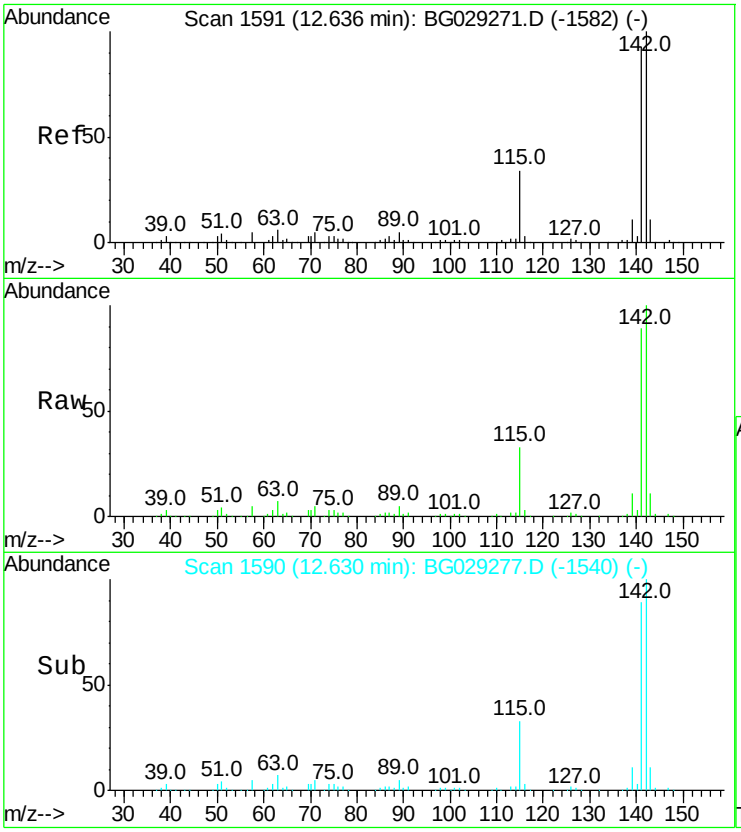


#34
Hexachlorobutadiene
Concen: 14.541 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:225 Resp: 46297

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	62.9	48.1	72.1



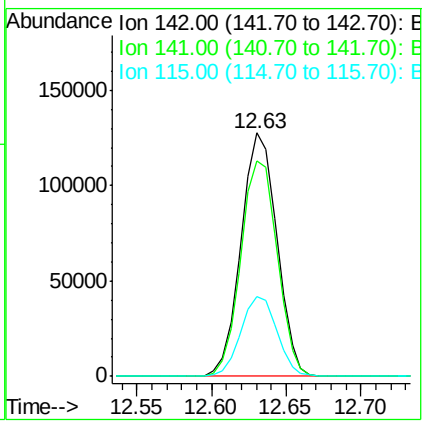


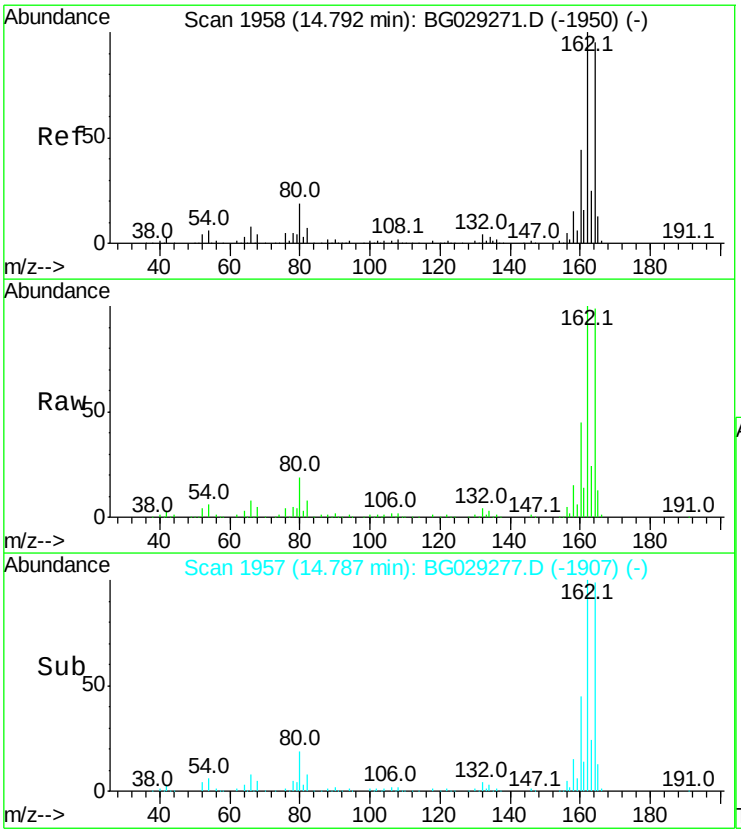
#37
2-Methylnaphthalene
Concen: 20.036 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:142 Resp: 211433

Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.1	100.7
115	32.7	30.7	46.1

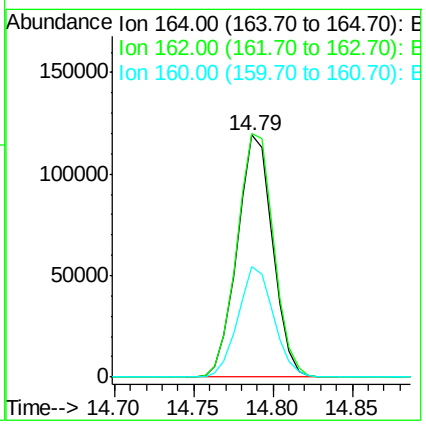


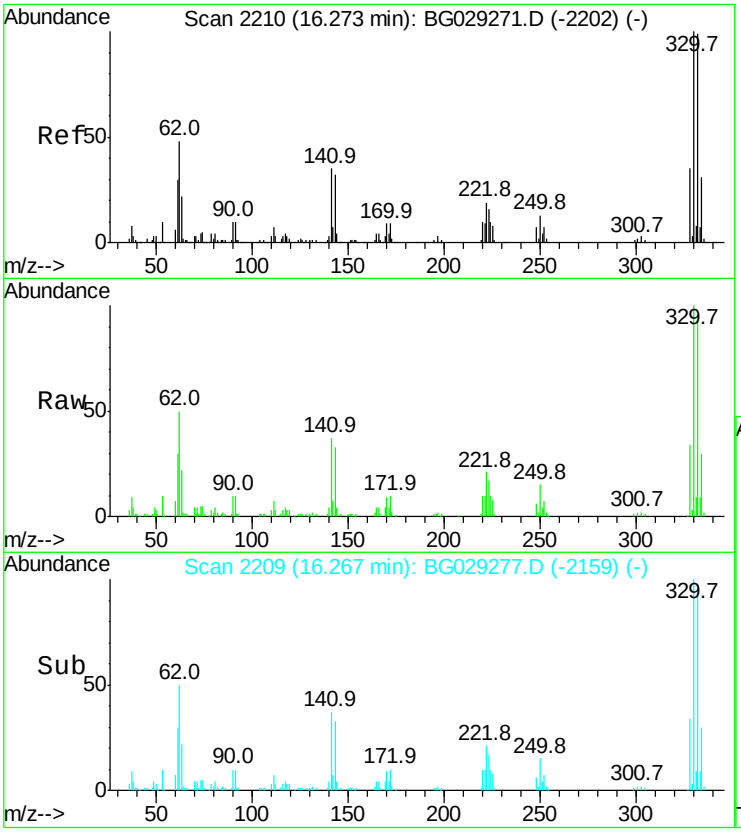


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:164 Resp: 184946

Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.8	118.2
160	45.5	35.4	53.0



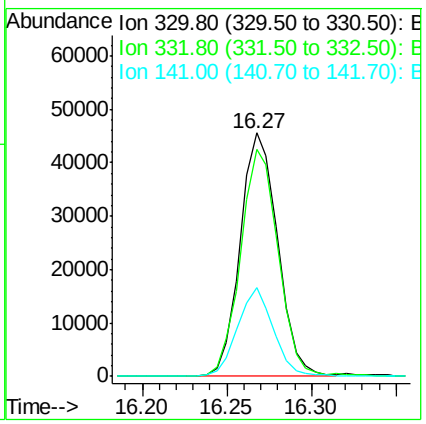


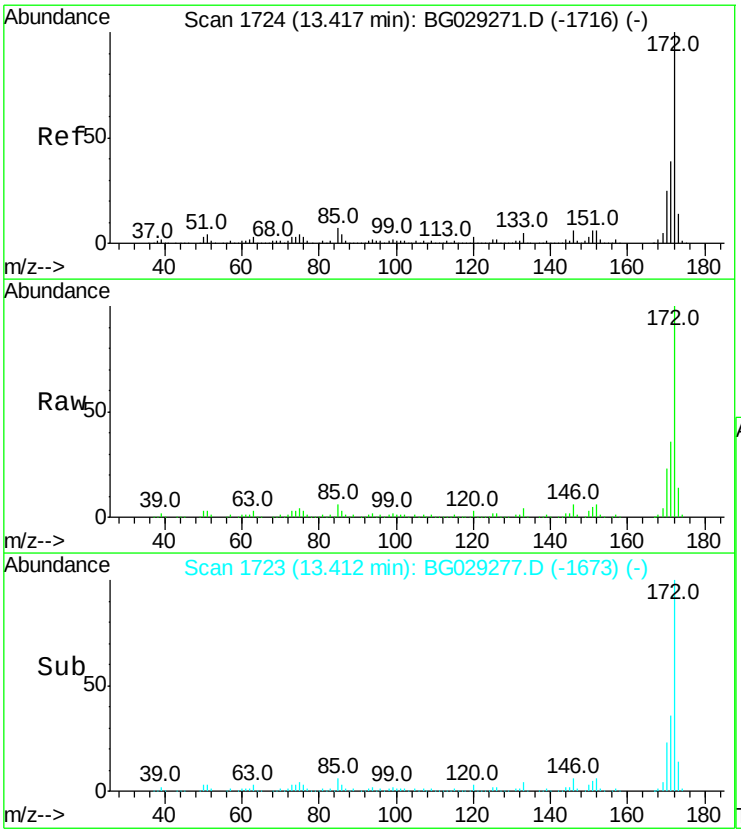
#41
2,4,6-Tribromophenol
Concen: 29.460 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:330 Resp: 70346

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	34.8	25.2	37.8

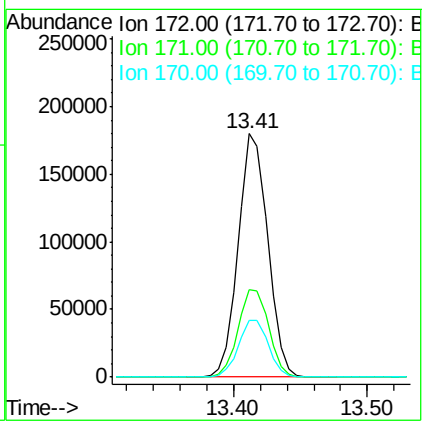


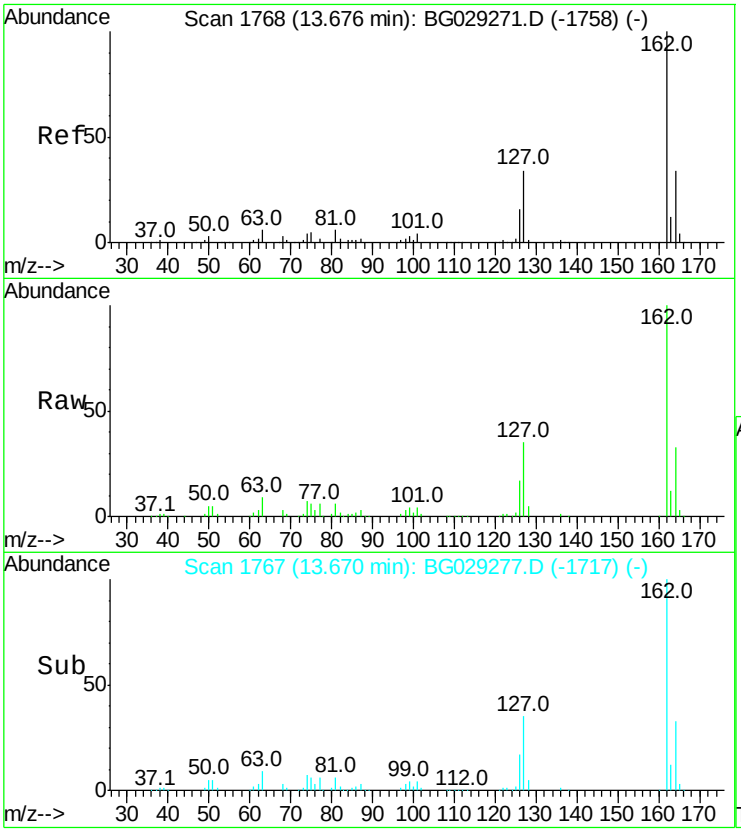


#44
2-Fluorobiphenyl
Concen: 21.723 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:172 Resp: 273927

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	23.3	19.5	29.3



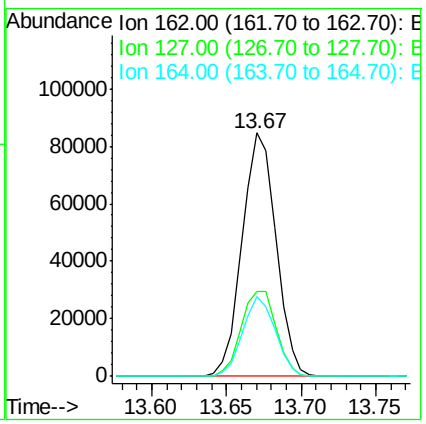


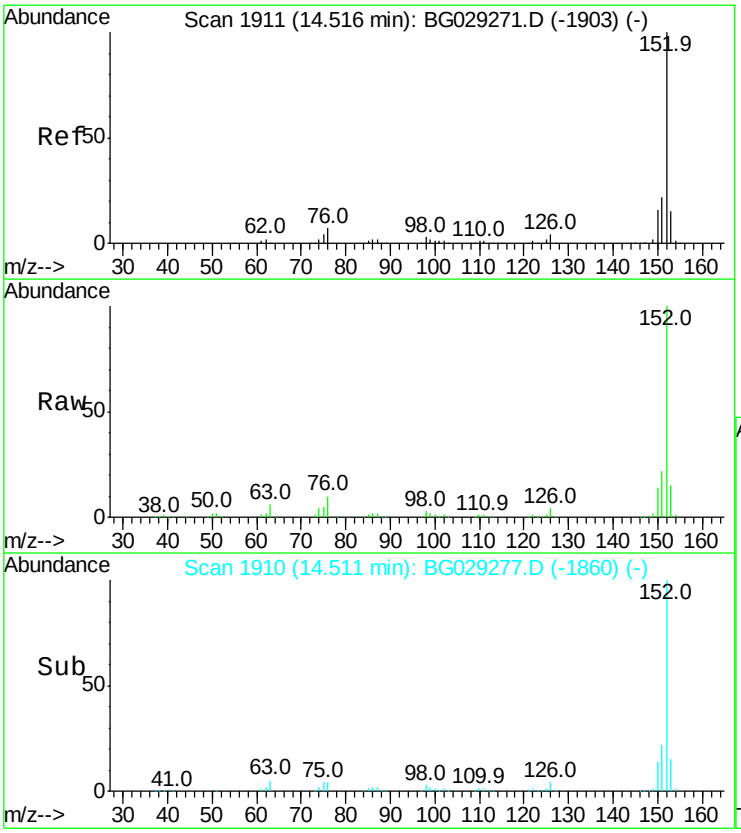
#46
2-Chloronaphthalene
Concen: 11.472 ng
RT: 13.67 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:162 Resp: 133019

Ion	Ratio	Lower	Upper
162	100		
127	34.9	30.7	46.1
164	32.5	26.0	39.0

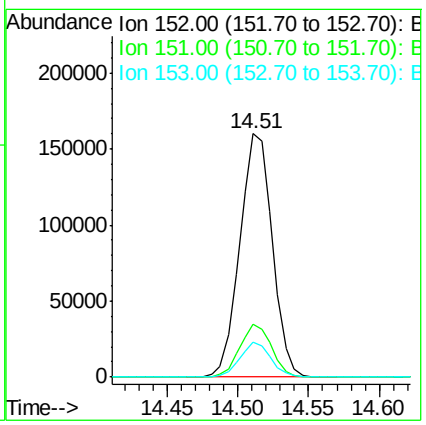


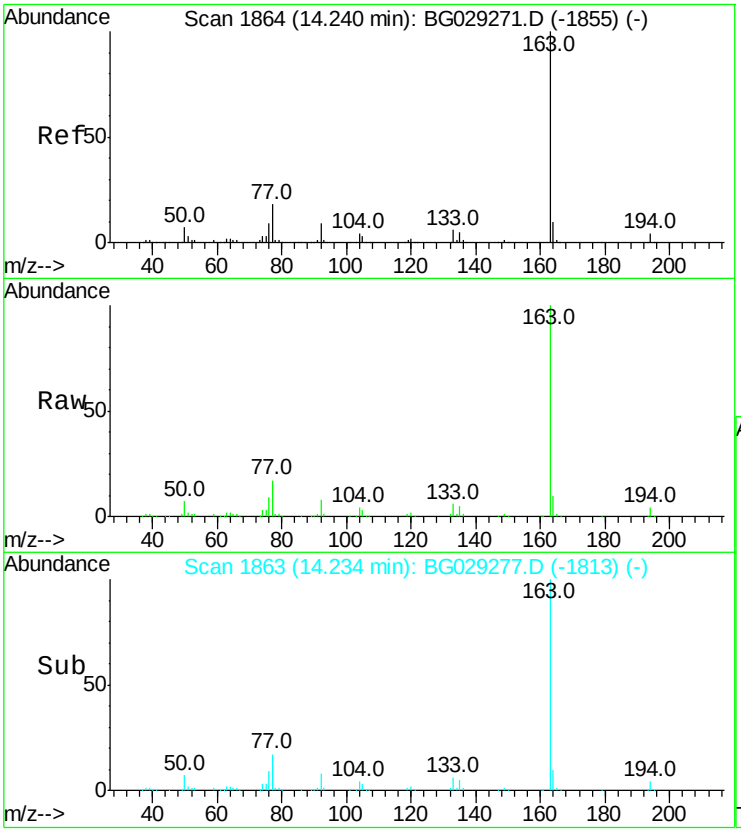


#48
Acenaphthylene
Concen: 14.212 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:152 Resp: 257900

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.6	10.2	15.4



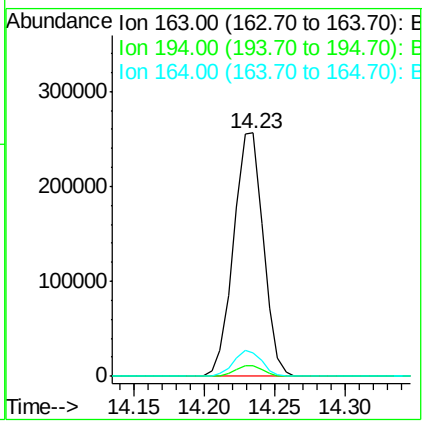


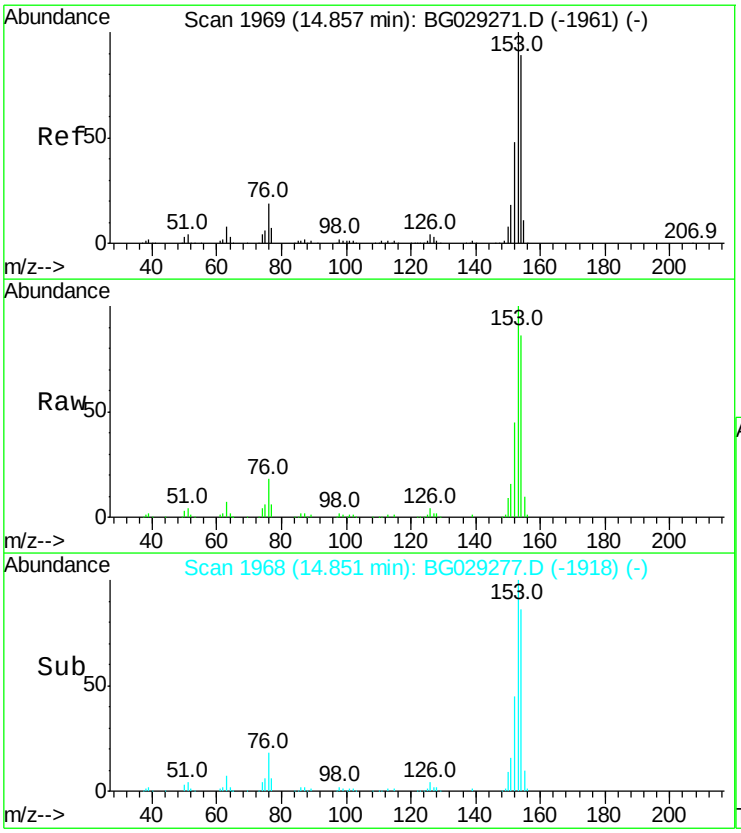
#49
Dimethylphthalate
Concen: 26.062 ng
RT: 14.23 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:163 Resp: 376069

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.2	12.4

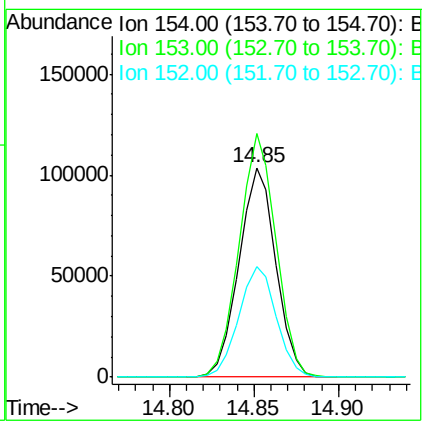


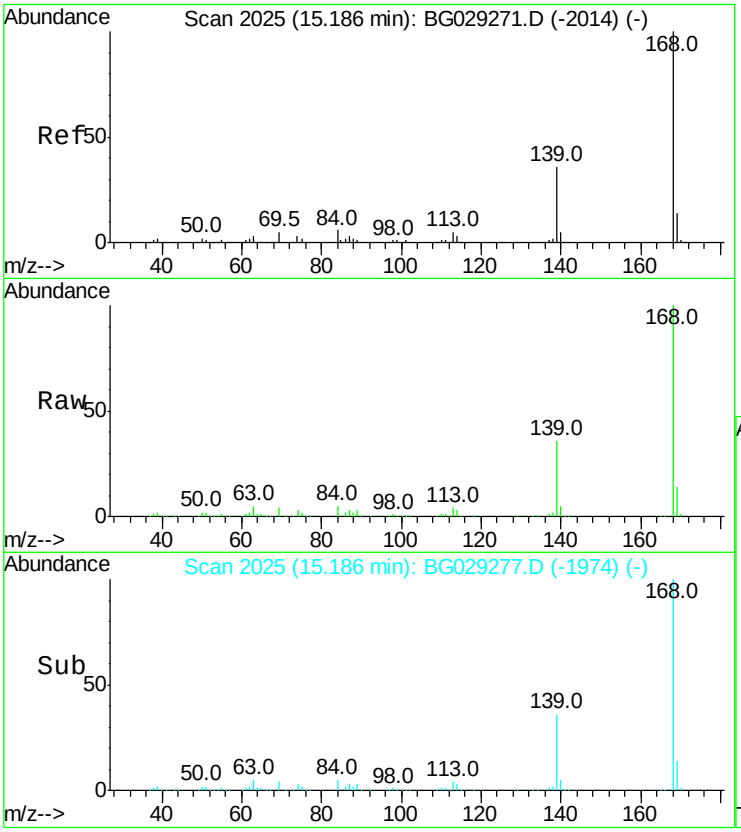


#51
Acenaphthene
Concen: 13.308 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:154 Resp: 157127

Ion	Ratio	Lower	Upper
154	100		
153	116.4	90.4	135.6
152	52.7	41.6	62.4



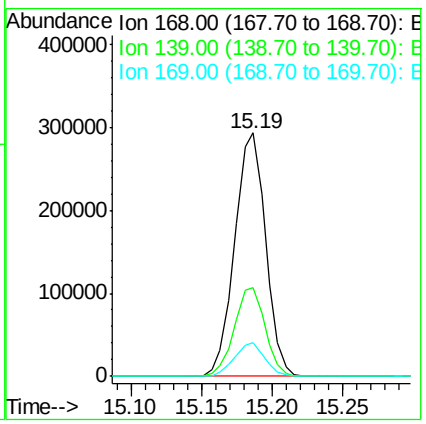


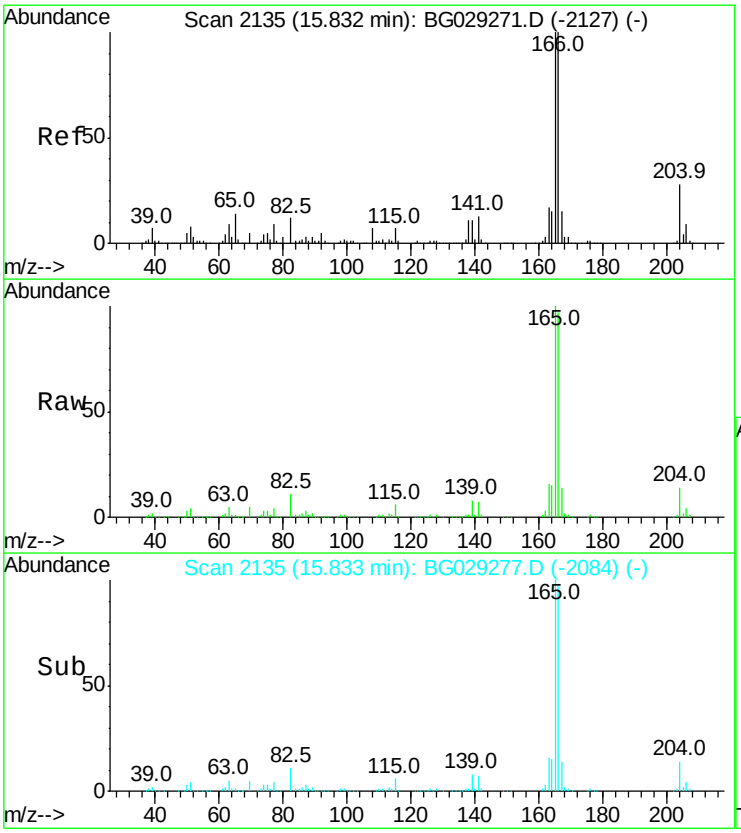
#54
Dibenzofuran
Concen: 26.515 ng
RT: 15.19 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:168 Resp: 446927

Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.6	43.0
169	14.1	11.2	16.8

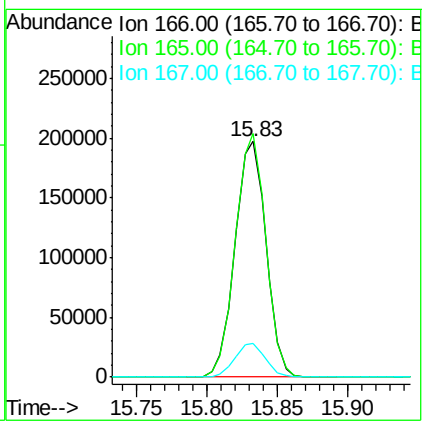


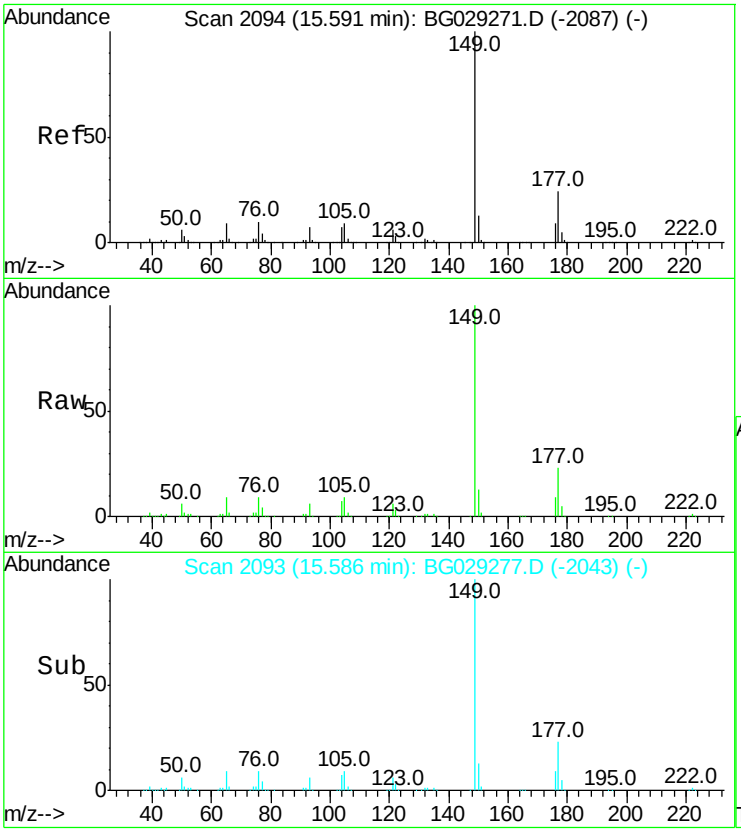


#57
Fluorene
Concen: 21.694 ng
RT: 15.83 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:166 Resp: 302078

Ion	Ratio	Lower	Upper
166	100		
165	103.4	80.6	121.0
167	14.4	10.4	15.6



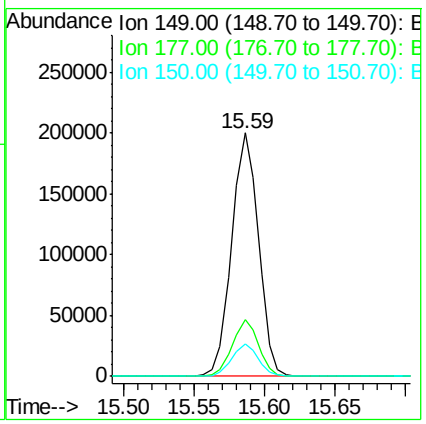


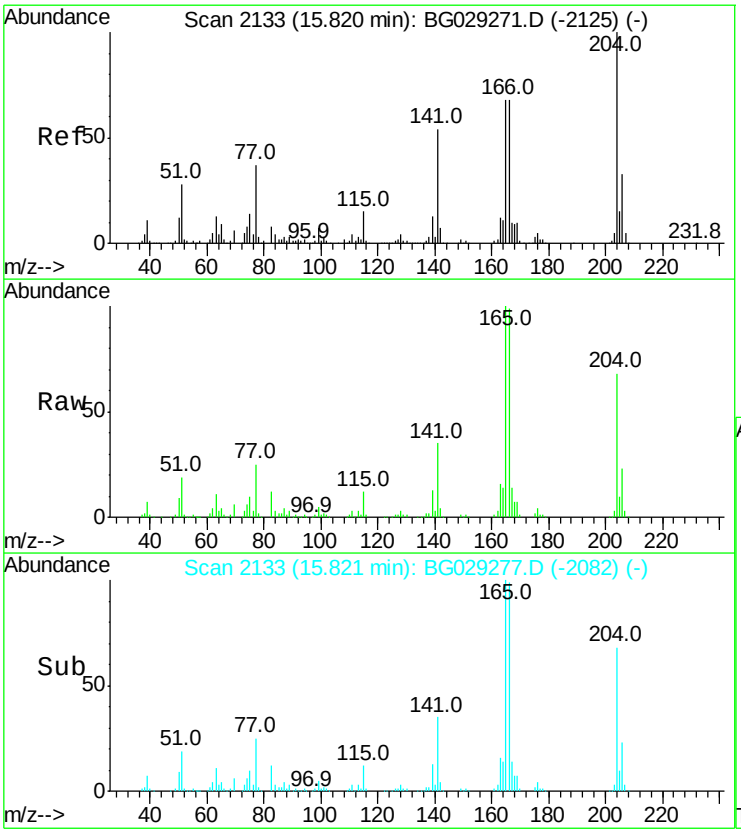
#59
Diethylphthalate
Concen: 18.401 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:149 Resp: 264618

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.5	27.7
150	13.1	10.2	15.2

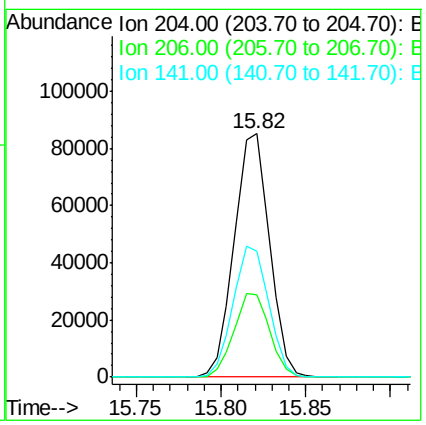


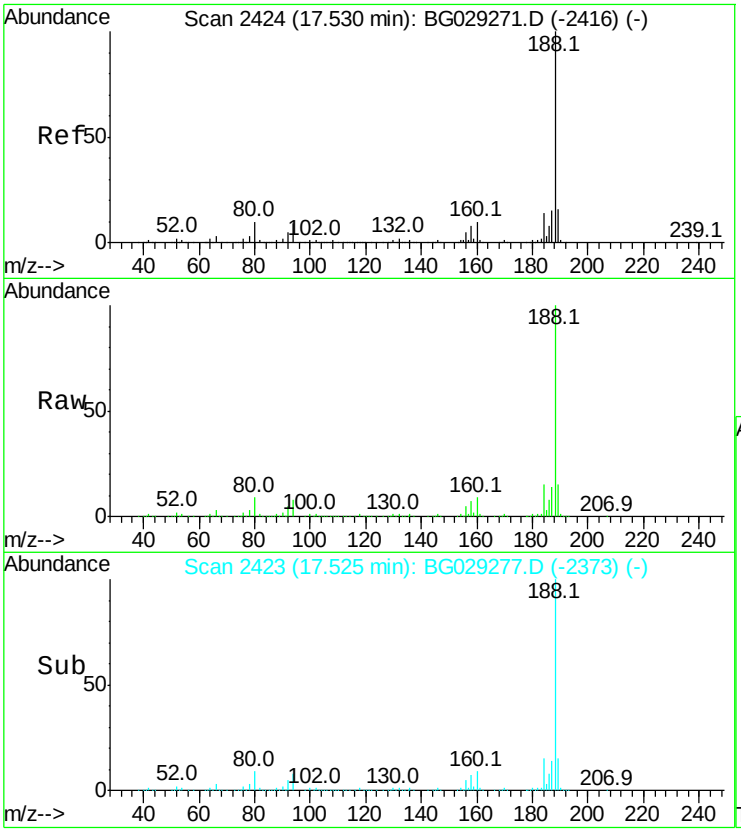


#60
4-Chlorophenyl-phenylether
Concen: 16.763 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:204 Resp: 124450

Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	51.9	45.8	68.6



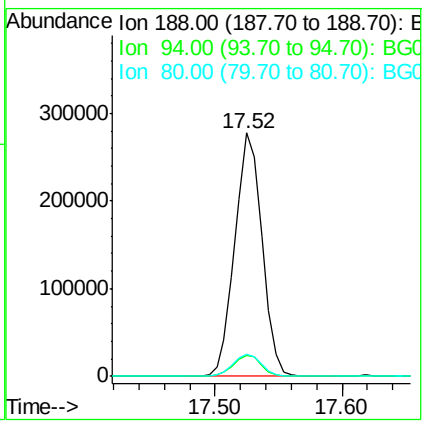


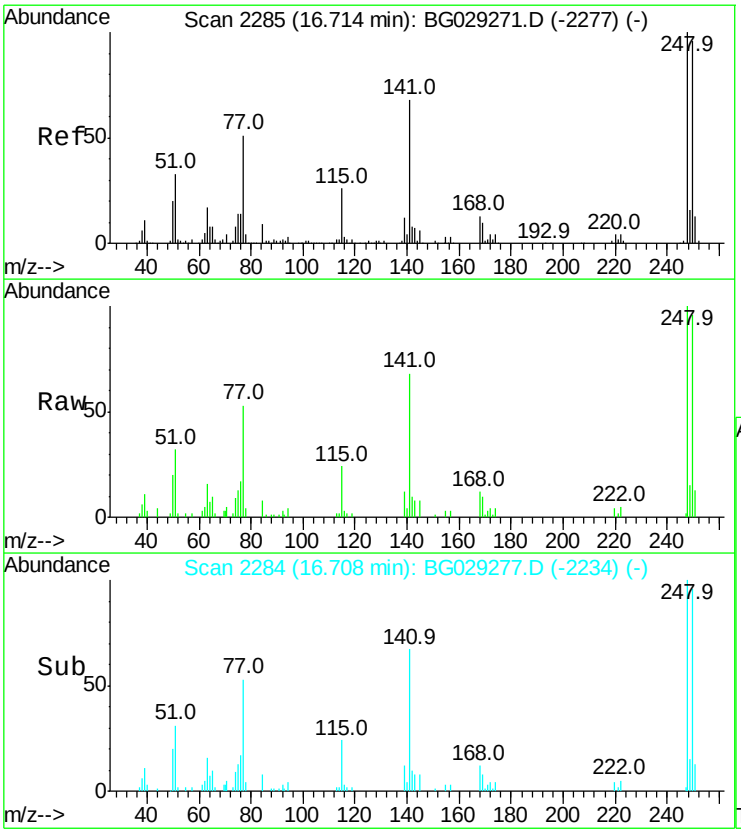
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:188 Resp: 411908

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.3	7.7	11.5

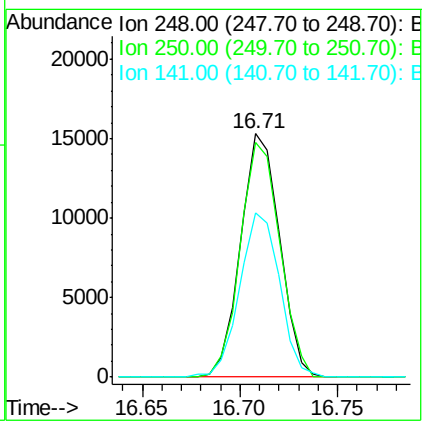


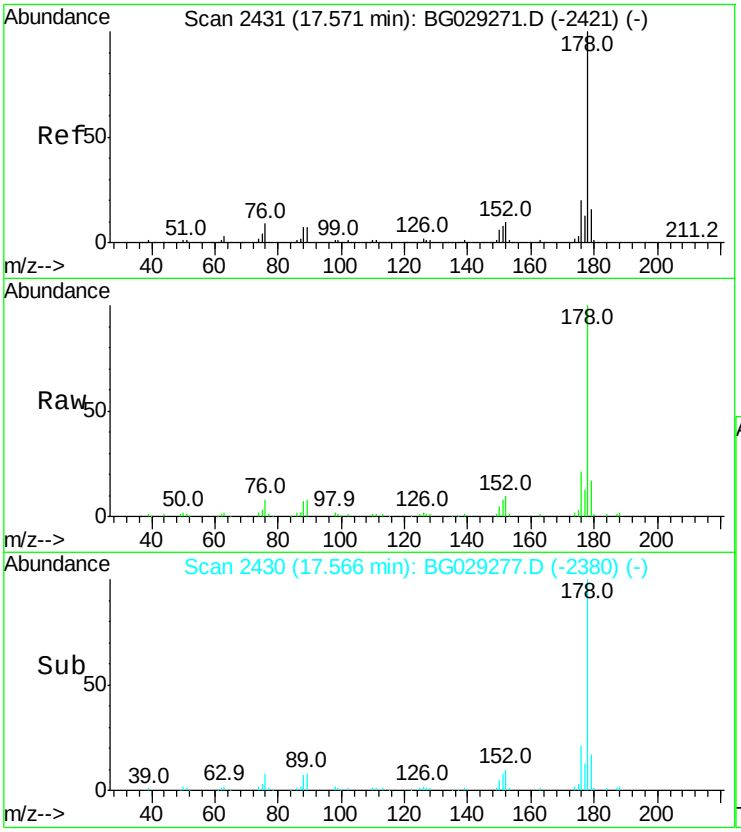


#66
4-Bromophenyl-phenylether
Concen: 4.485 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:248 Resp: 21198

Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.1	115.7
141	67.6	50.8	76.2



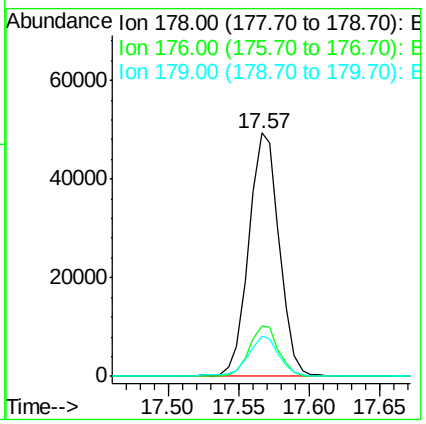


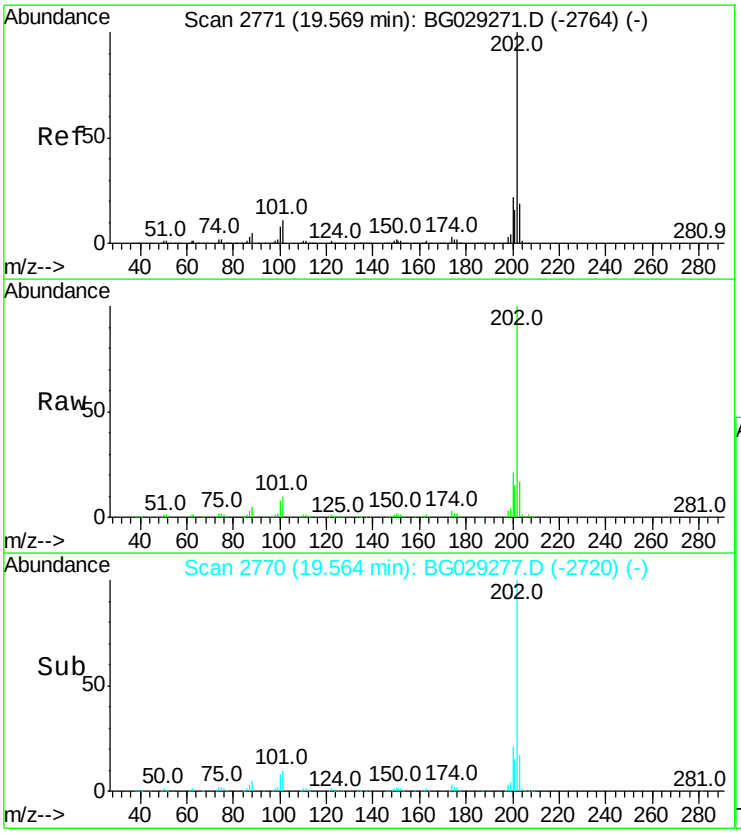
#70
Phenanthrene
Concen: 3.522 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:178 Resp: 74940

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.6	12.5	18.7

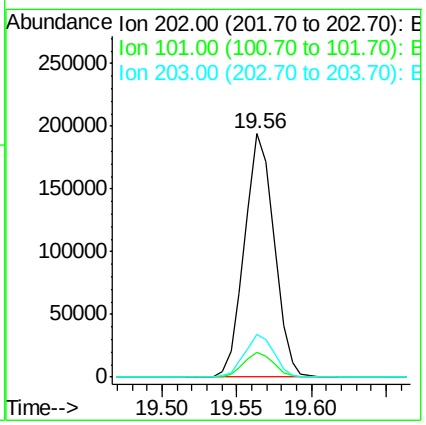


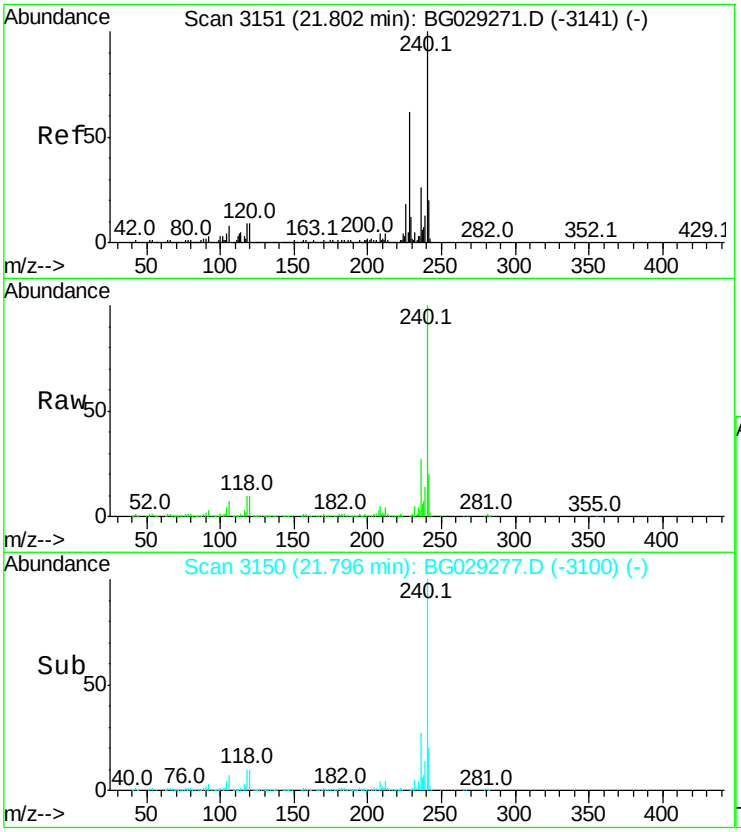


#74
Fluoranthene
Concen: 10.724 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:202 Resp: 266917

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	28.9
203	17.4	0.0	37.5



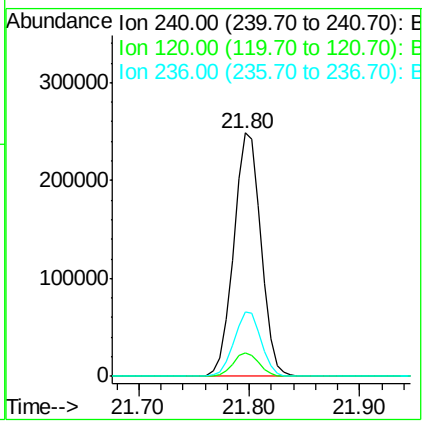


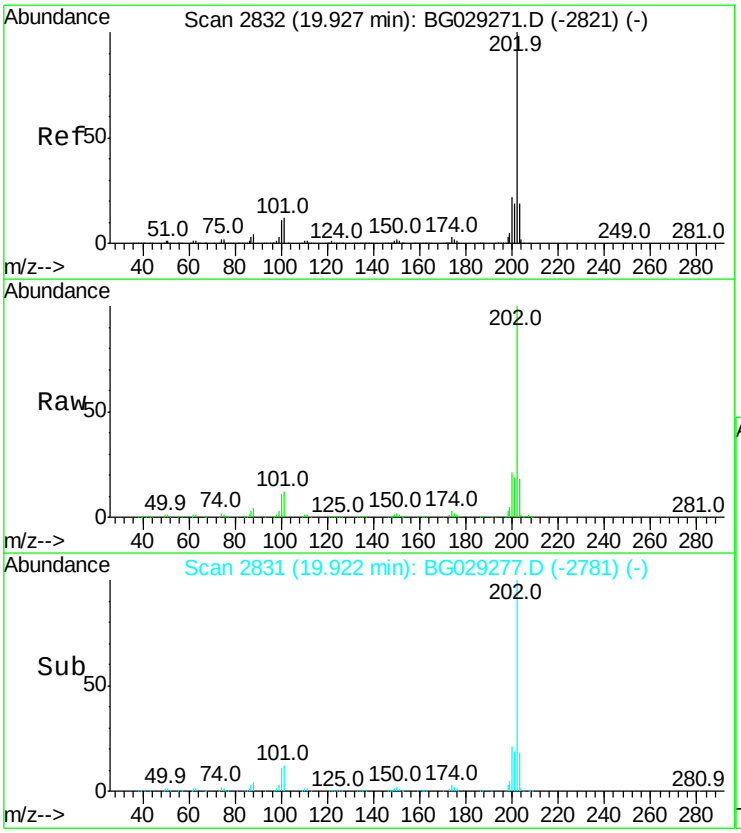
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:240 Resp: 430183

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.8	10.2
236	26.6	20.9	31.3

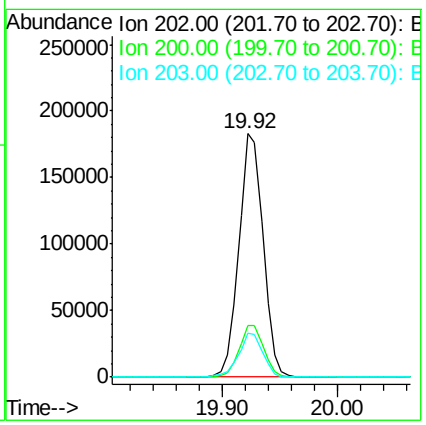


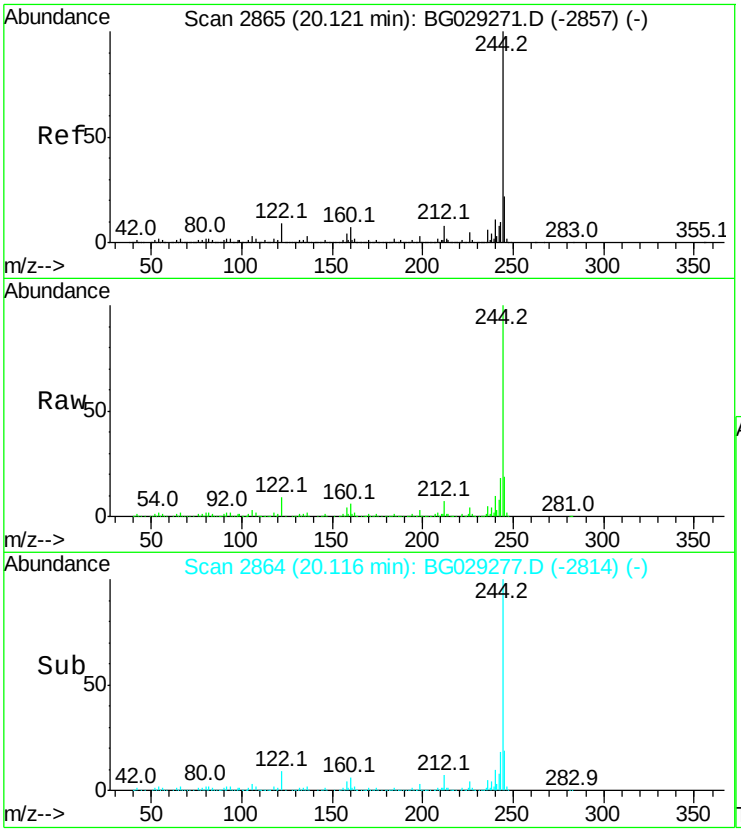


#77
Pyrene
Concen: 10.179 ng
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:202 Resp: 265636

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.3	13.9	20.9



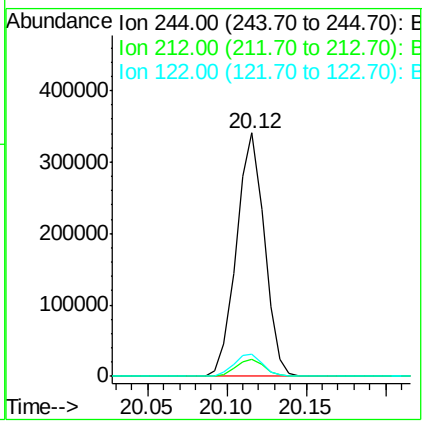


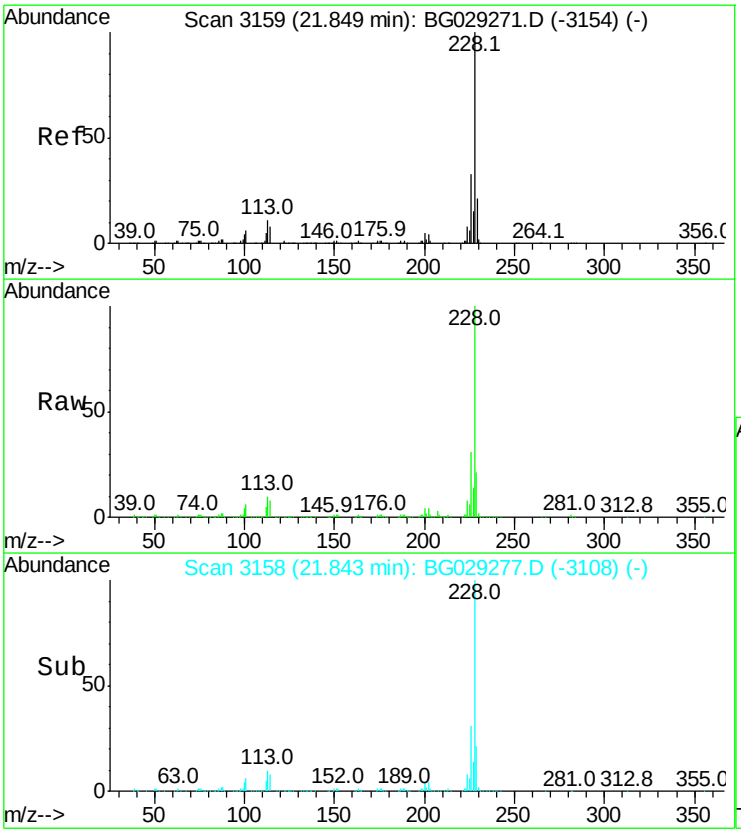
#78
Terphenyl-d14
Concen: 21.999 ng
RT: 20.12 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:244 Resp: 415989

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	8.9	7.0	10.4

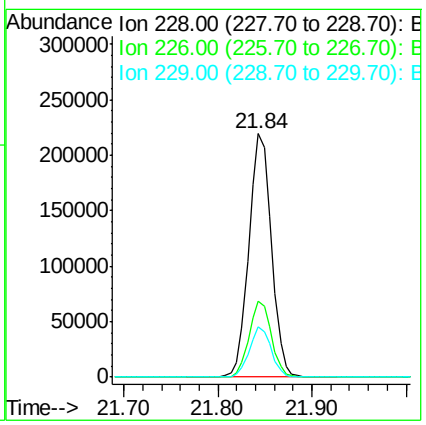


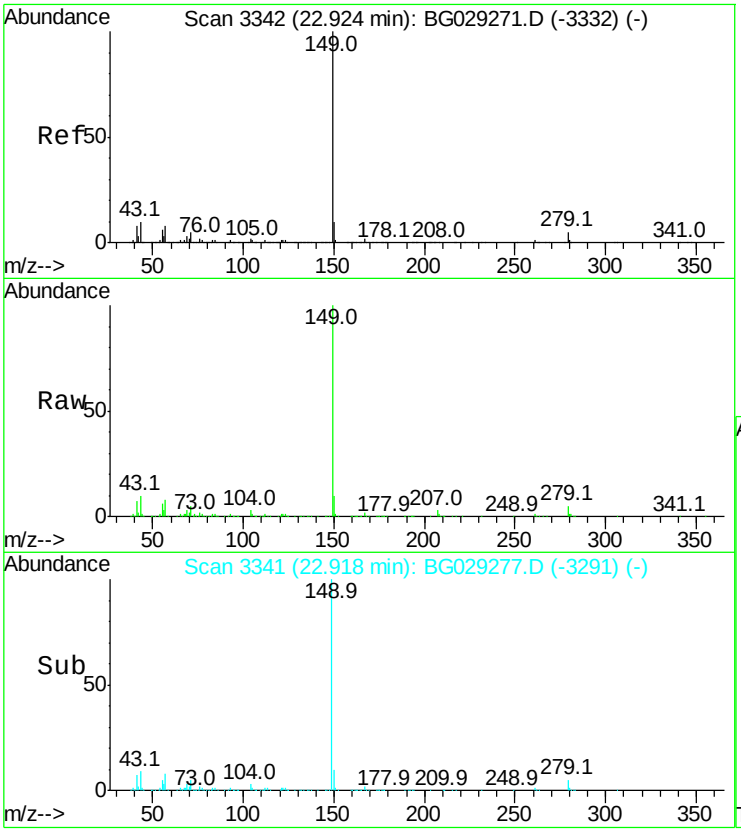


#82
Chrysene
Concen: 15.086 ng
RT: 21.84 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:228 Resp: 364890

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.8	15.0	22.4



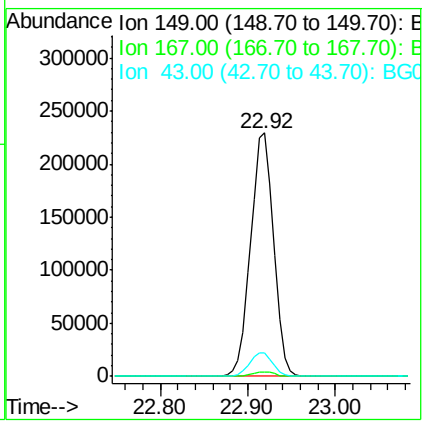


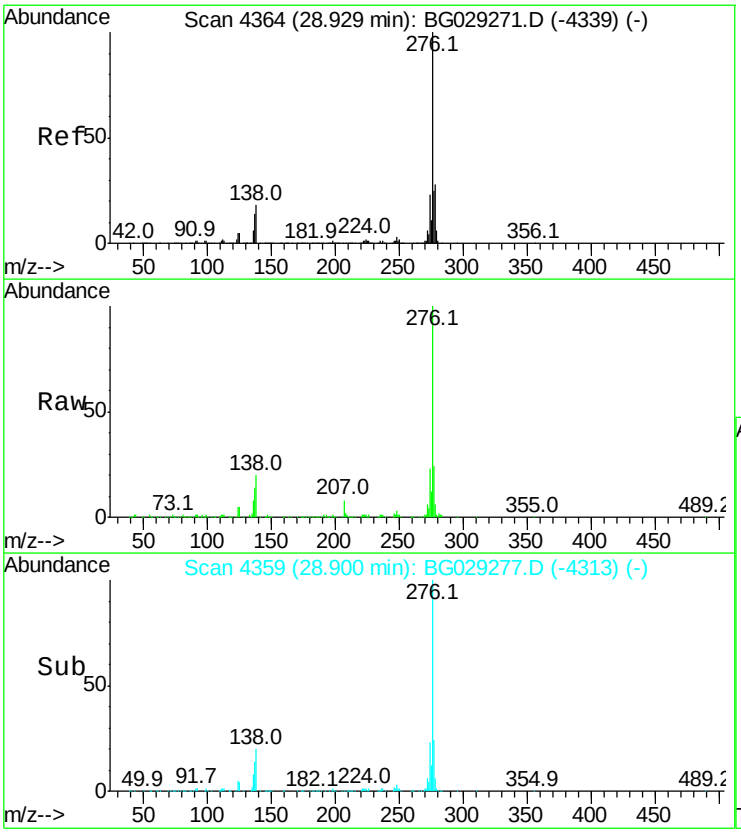
#84
Di-n-octyl phthalate
Concen: 14.691 ng
RT: 22.92 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:149 Resp: 408516

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.9	8.9	13.3

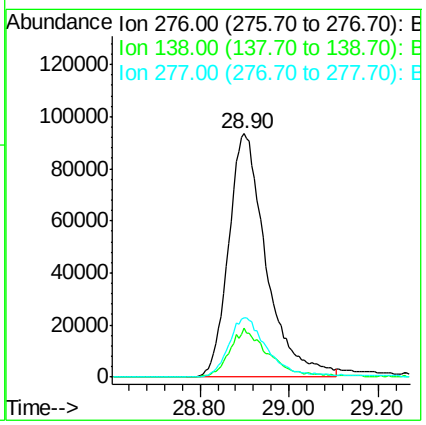


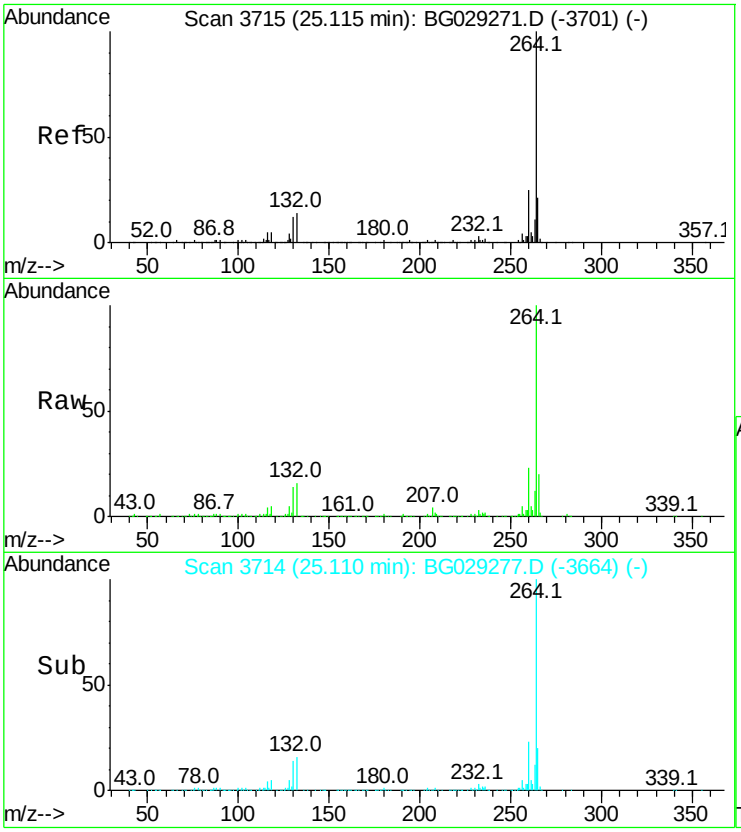


#85
Indeno(1,2,3-cd)pyrene
Concen: 18.472 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.03 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:276 Resp: 549670

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.0	24.0
277	24.6	20.0	30.0



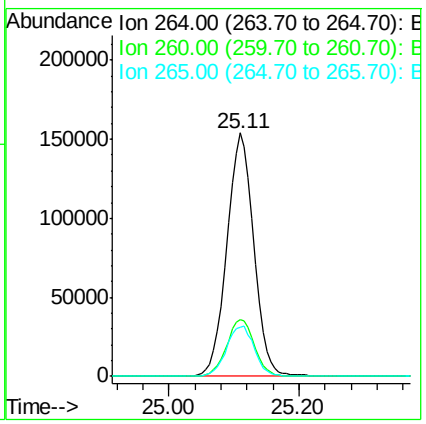


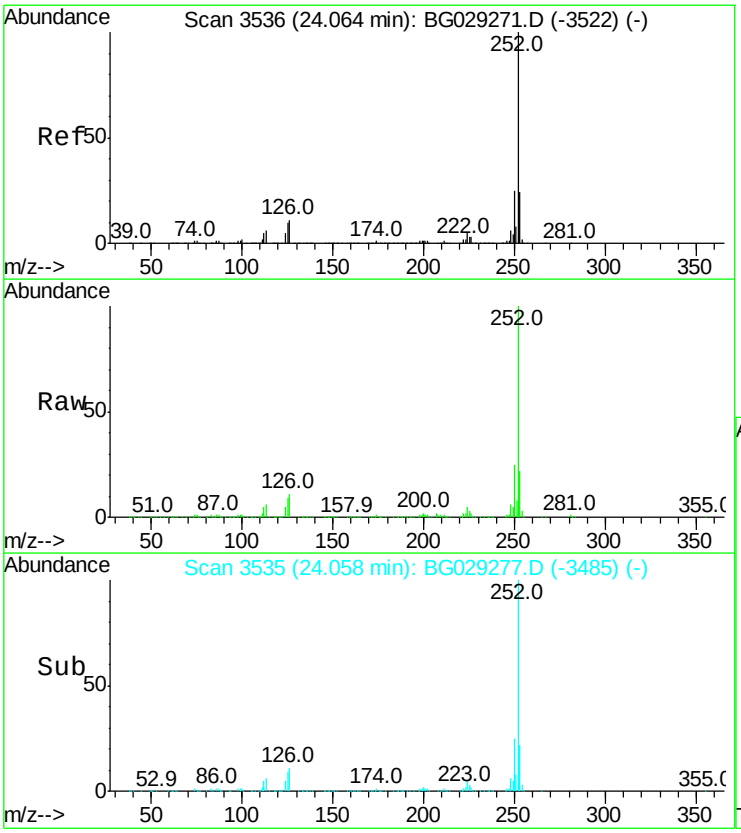
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:264 Resp: 439976

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.3	17.7	26.5

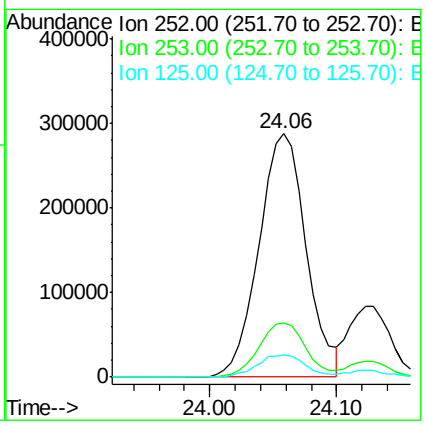


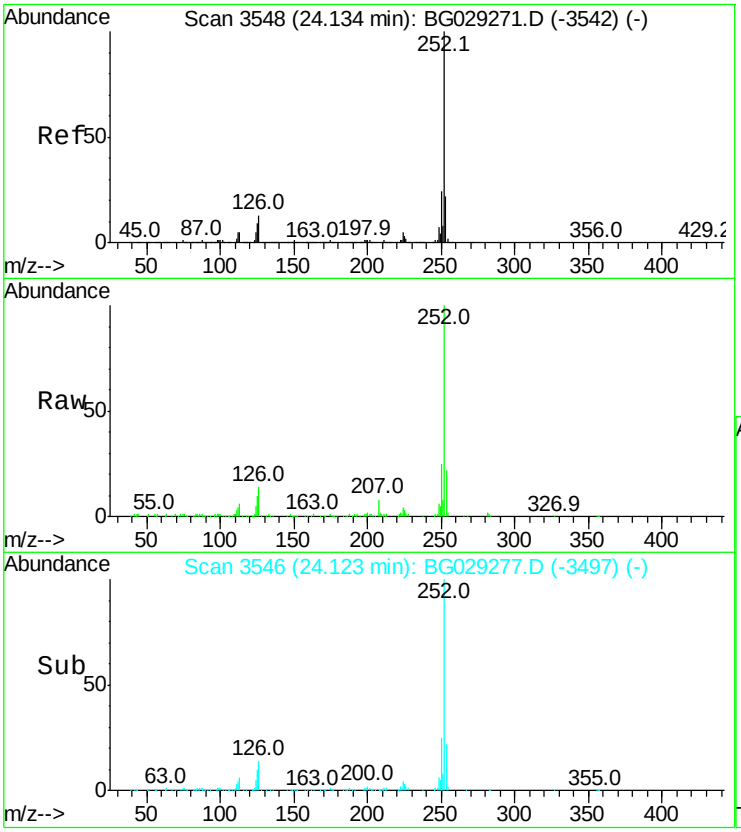


#87
Benzo(b)fluoranthene
Concen: 29.666 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:252 Resp: 747247

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	9.1	7.2	10.8



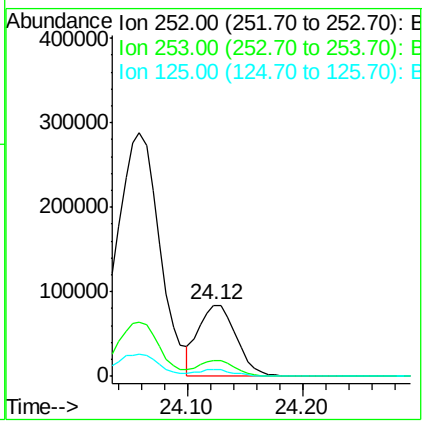


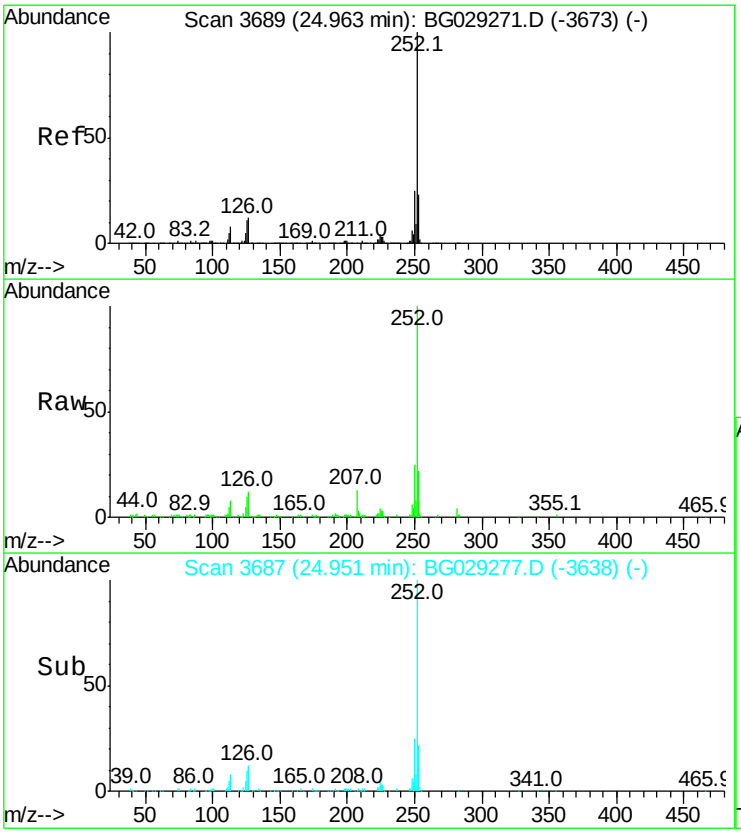
#88
Benzo(k)fluoranthene
Concen: 7.627 ng
RT: 24.12 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 191399

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.6	6.6	9.8

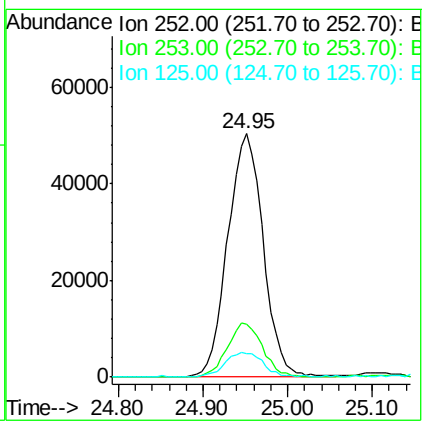


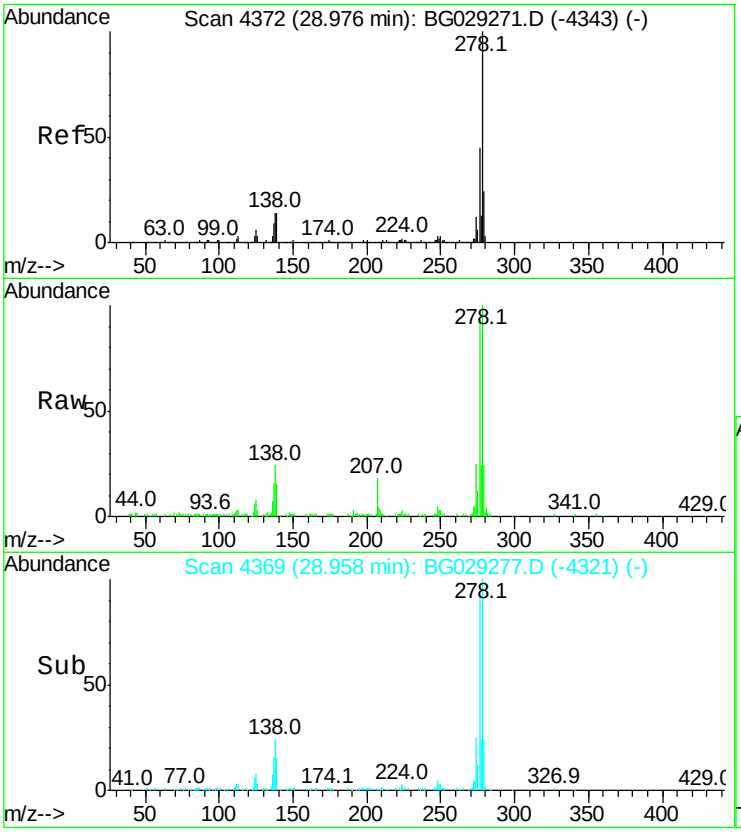


#89
Benzo(a)pyrene
Concen: 6.049 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:252 Resp: 146484

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	9.6	7.3	10.9



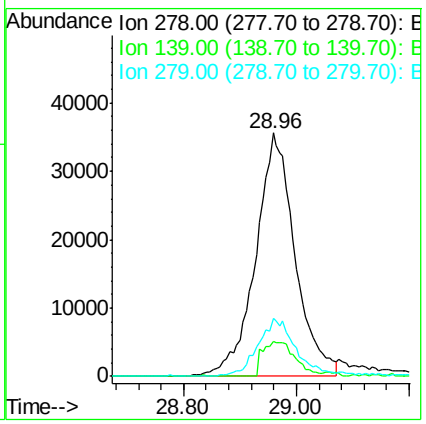


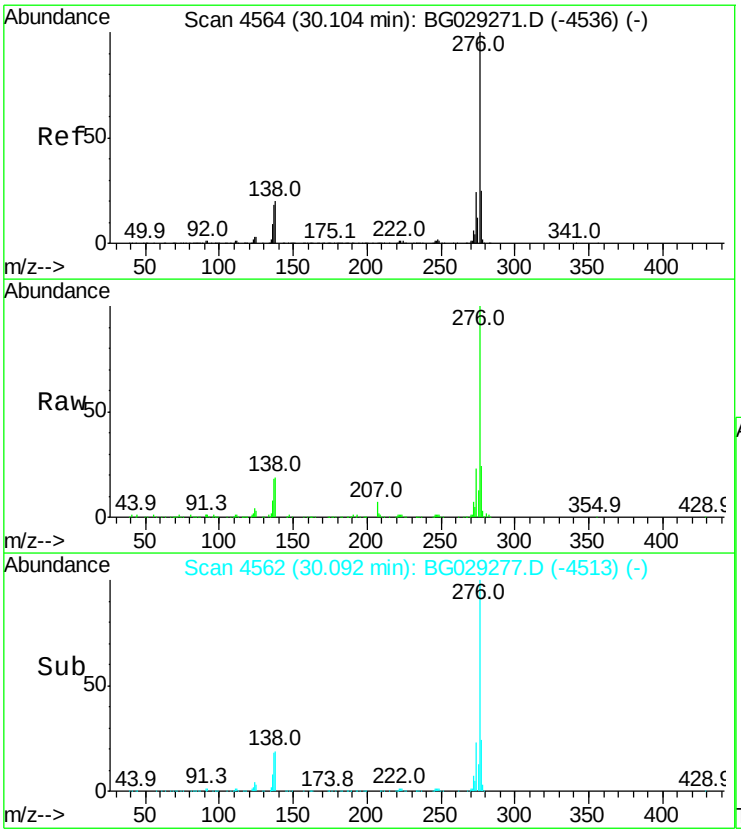
#90
Dibenzo(a,h)anthracene
Concen: 7.029 ng
RT: 28.96 min Scan# 4369
Delta R.T. -0.02 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:278 Resp: 172311

Ion	Ratio	Lower	Upper
278	100		
139	14.6	9.8	14.6
279	23.6	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 26.034 ng
RT: 30.09 min Scan# 4562
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:276 Resp: 593025

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	19.0	13.9	20.9