Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029295.D
Acq On : 17 Oct 2017 6:41
Operator : SJ/JU
Sample : I5906-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 17 08:02:38 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	27770	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	120559	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	70849	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	156330	20.00	ng		0.00
75) Chrysene-d12	21.80	240	165900	20.00	ng		0.00
86) Perylene-d12	25.10	264	168489	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	215569	129.68	ng		0.00
7) Phenol-d6	7.32	99	258194	110.65	ng		0.00
23) Nitrobenzene-d5	9.33	82	173920	91.67	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	123834	135.38	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	435845	90.22	ng		0.00
78) Terphenyl-d14	20.12	244	632856	86.78	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.35	94	408749	162.489	ng		93
17) 2-Methylphenol	8.61	107	117299	70.194	ng		97
18) Hexachloroethane	9.38	117	8984	12.070	ng	#	1
20) 3+4-Methylphenols	8.94	107	444820	188.917	ng		90
27) 2,4-Dimethylphenol	10.14	122	154837	83.943	ng		90
31) Naphthalene	11.04	128	1393342	231.898	ng		98
32) Benzoic acid	10.23	122	9549	6.183	ng		91
33) 4-Chloroaniline	11.04	127	200675	79.399	ng	#	30
37) 2-Methylnaphthalene	12.63	142	107584	24.568	ng		92
45) 1,1'-Biphenyl	13.62	154	26568	4.363	ng		91
48) Acenaphthylene	14.51	152	48638	6.996	ng	#	97
51) Acenaphthene	14.85	154	51786	11.449	ng		99
53) 2,4-Dinitrophenol	15.08	184	74	6.737	ng	#	1
54) Dibenzofuran	15.18	168	107468	16.644	ng		96
57) Fluorene	15.83	166	41213	7.726	ng		98
64) 4,6-Dinitro-2-methylphenol	15.97	198	54	5.054	ng	#	1
68) Atrazine	17.11	200	5610	3.357	ng	#	35
70) Phenanthrene	17.57	178	189868	23.510	ng		99
71) Anthracene	17.57	178	189868	23.413	ng		99
72) Carbazole	17.92	167	303819	39.001	ng		99
74) Fluoranthene	19.56	202	46639	4.937	ng		97
76) Benzidine	19.83	184	122526	24.461	ng	#	93
77) Pyrene	19.92	202	29847	2.966	ng		97

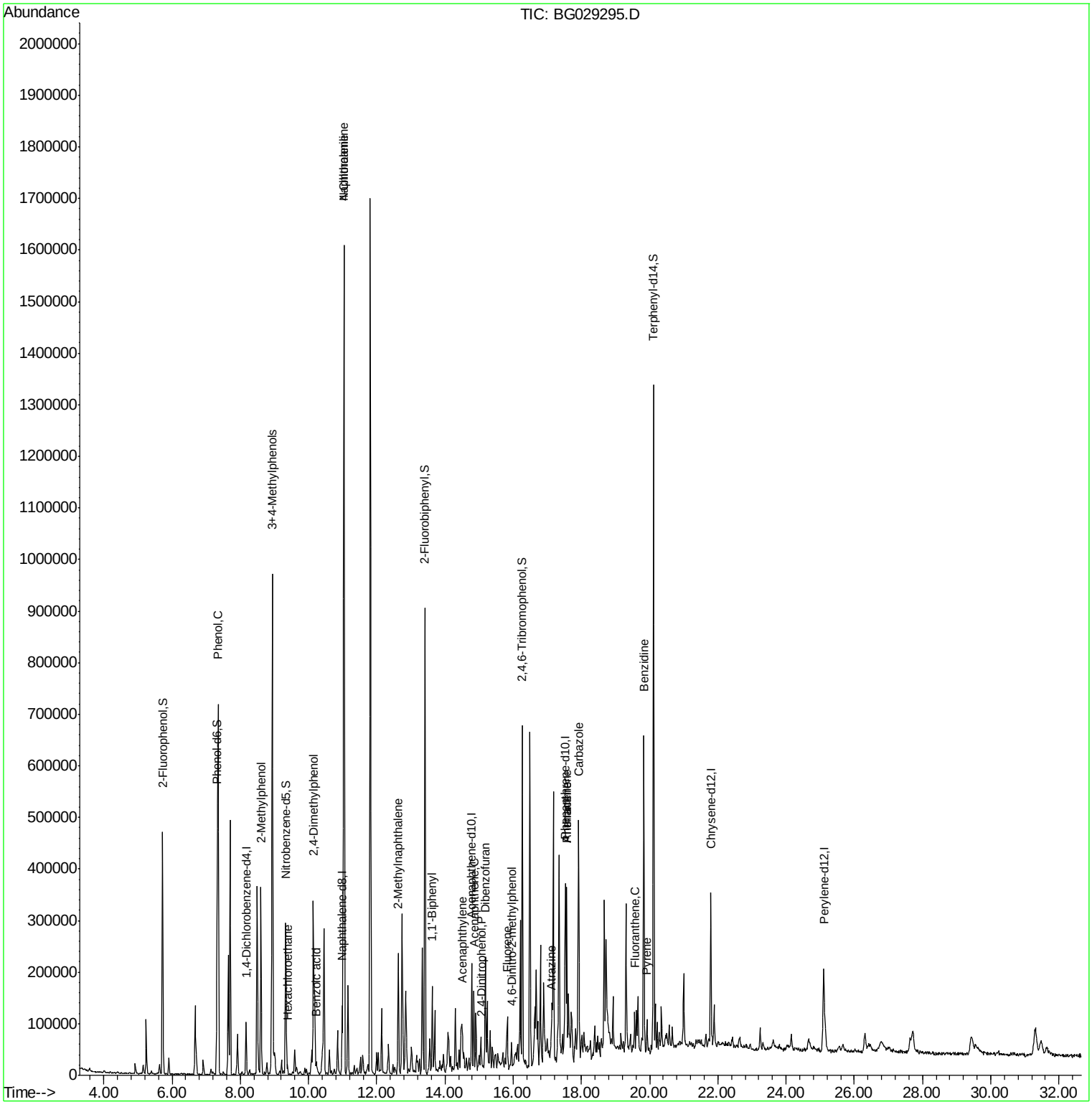
(#) = qualifier out of range (m) = manual integration (+) = signals summed

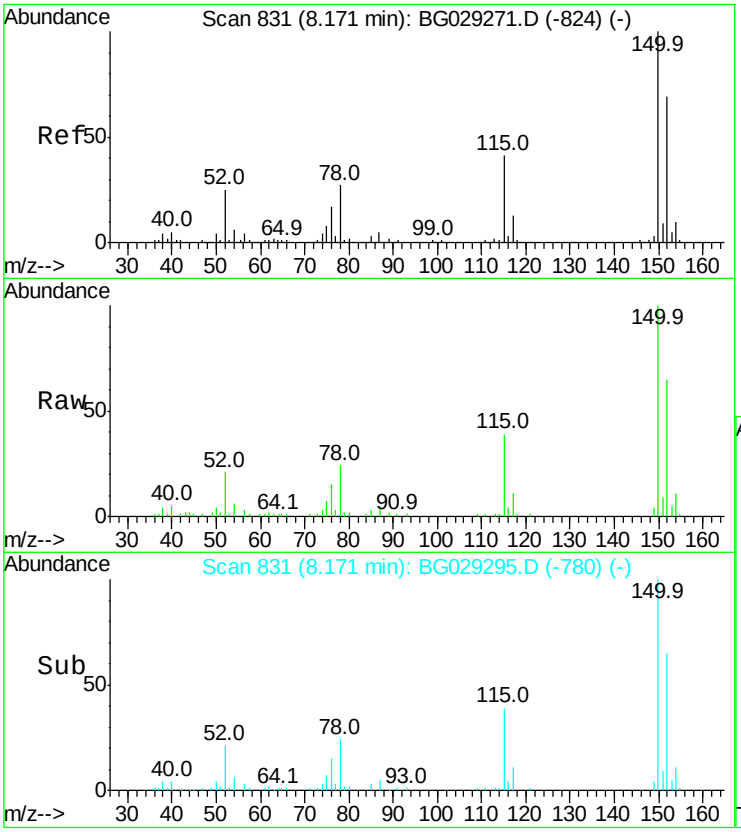
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029295.D
Acq On : 17 Oct 2017 6:41
Operator : SJ/JU
Sample : I5906-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 17 08:02:38 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



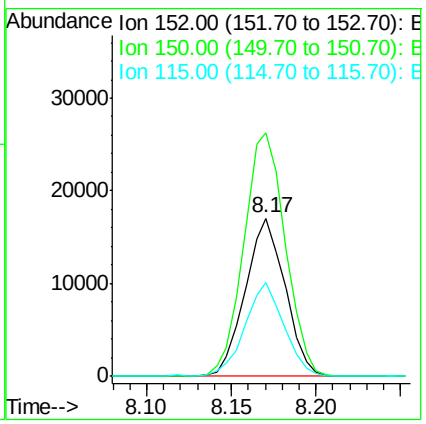


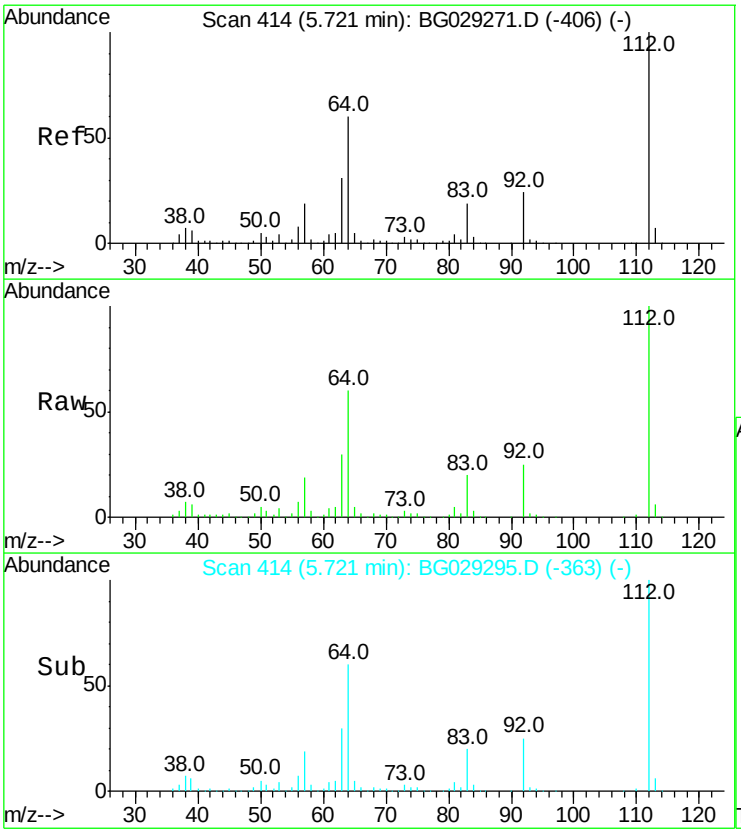
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27770

Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.6	189.8
115	59.3	53.0	79.4

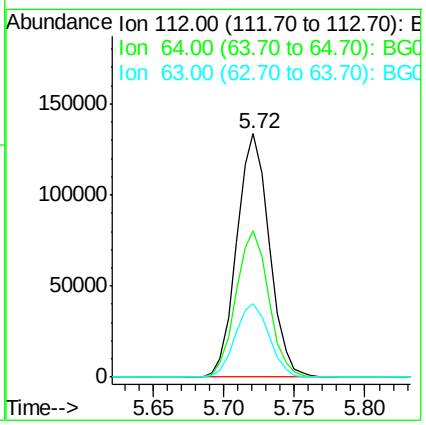


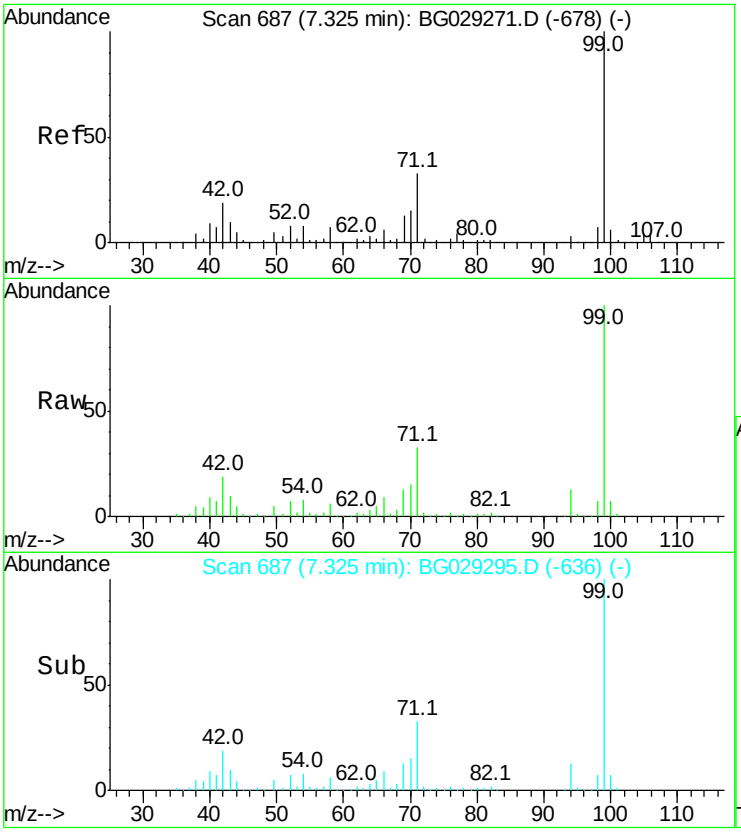


#5
2-Fluorophenol
Concen: 129.679 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:112 Resp: 215569

Ion	Ratio	Lower	Upper
112	100		
64	60.3	56.3	84.5
63	30.1	30.1	45.1



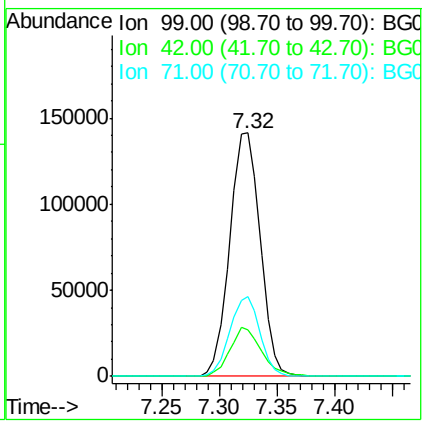


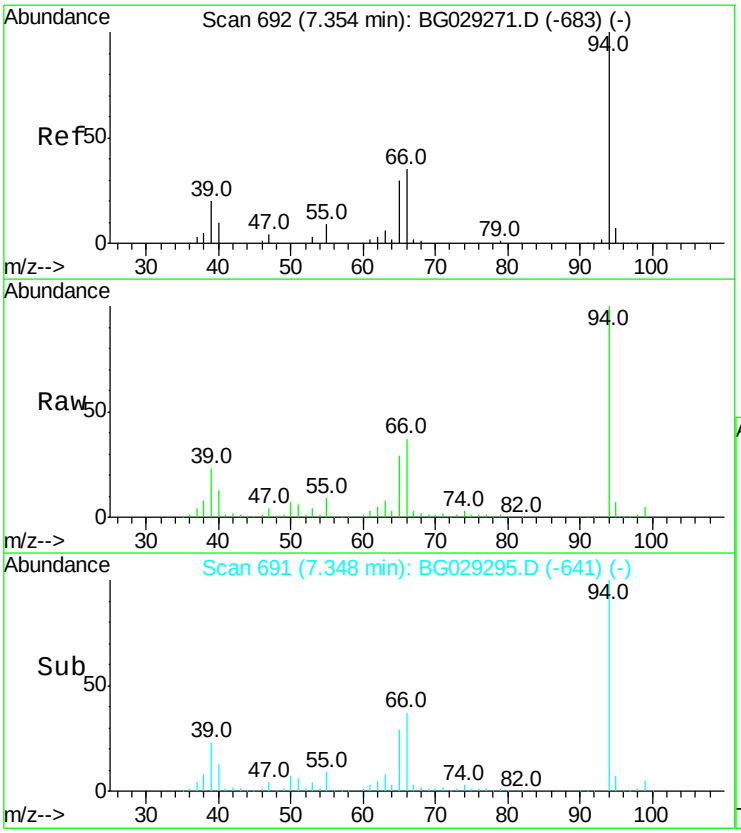
#7
Phenol-d6
Concen: 110.655 ng
RT: 7.32 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 258194

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.1	21.1
71	32.5	26.1	39.1

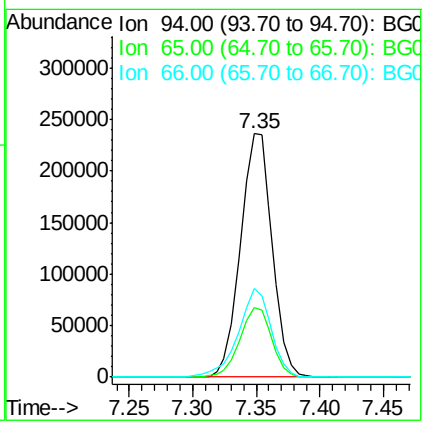


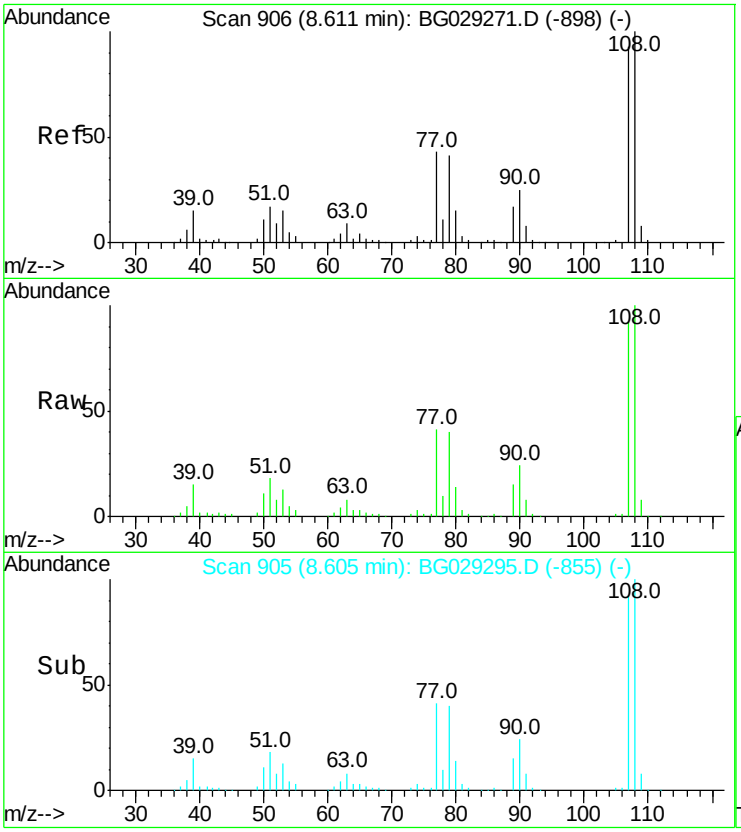


#10
Phenol
Concen: 162.489 ng
RT: 7.35 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion: 94 Resp: 408749

Ion	Ratio	Lower	Upper
94	100		
65	28.7	11.9	51.9
66	36.6	22.2	62.2



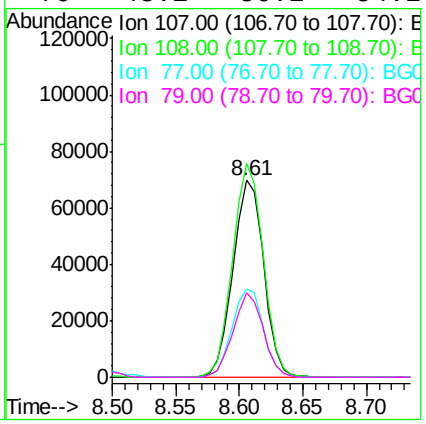


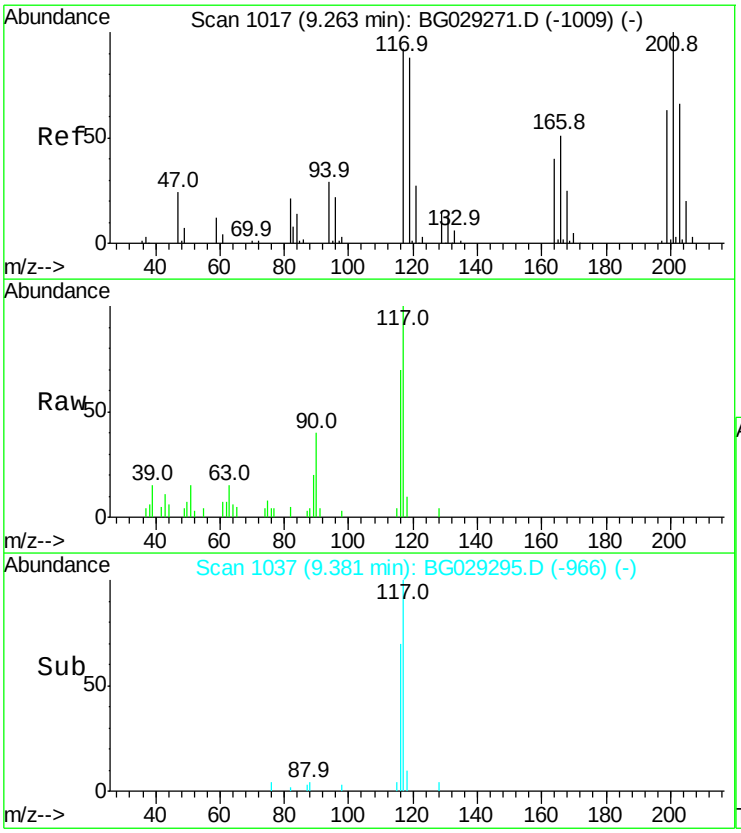
#17
2-Methylphenol
Concen: 70.194 ng
RT: 8.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 117299

Ion	Ratio	Lower	Upper
107	100		
108	108.7	83.9	125.9
77	44.9	37.2	55.8
79	43.2	36.2	54.2

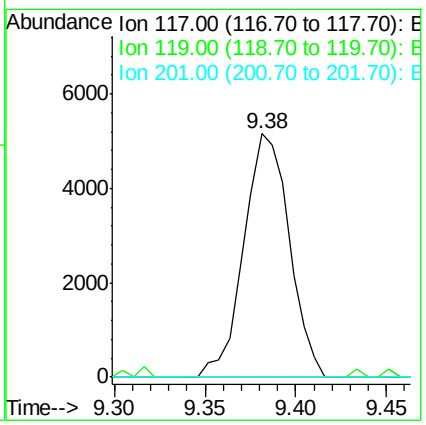


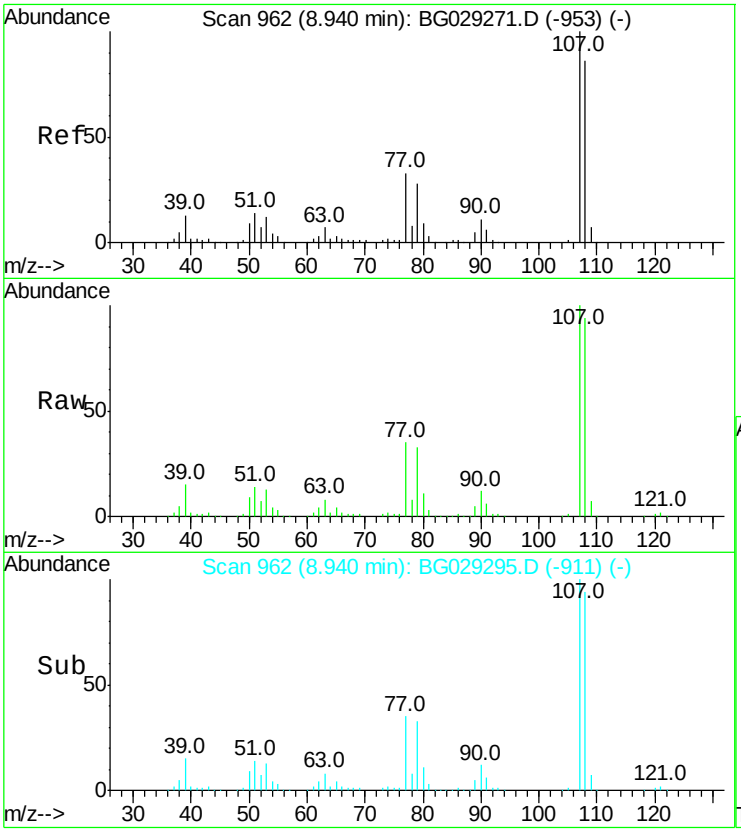


#18
Hexachloroethane
Concen: 12.070 ng
RT: 9.38 min Scan# 1037
Delta R.T. 0.12 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:117 Resp: 8984

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



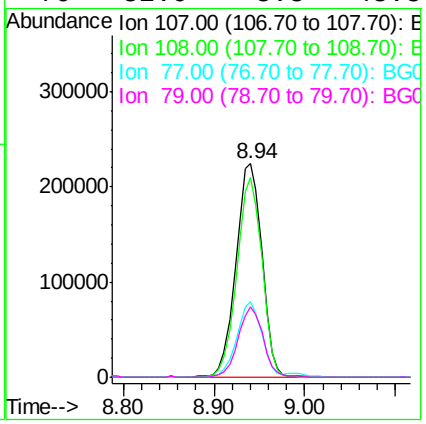


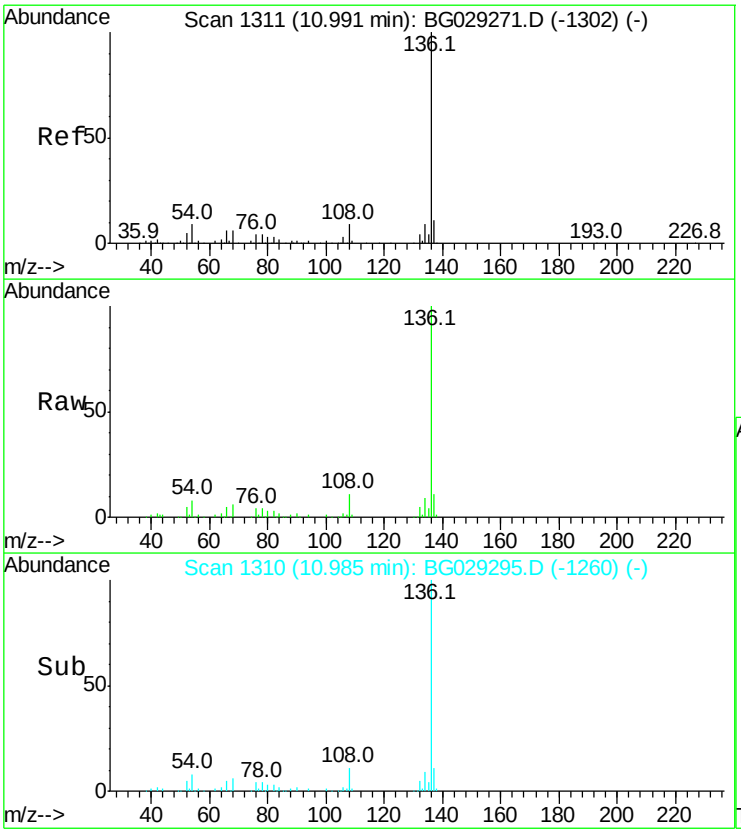
#20
3+4-Methylphenols
Concen: 188.917 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 444820

Ion	Ratio	Lower	Upper
107	100		
108	93.6	61.6	101.6
77	35.3	13.9	53.9
79	32.9	8.8	48.8

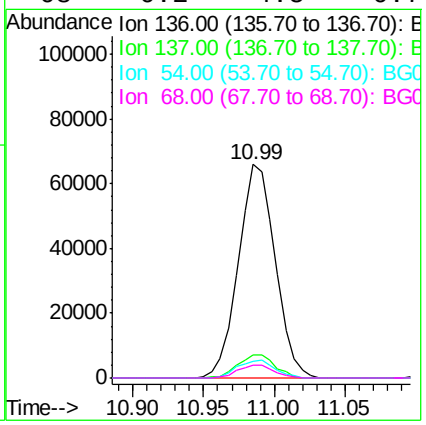


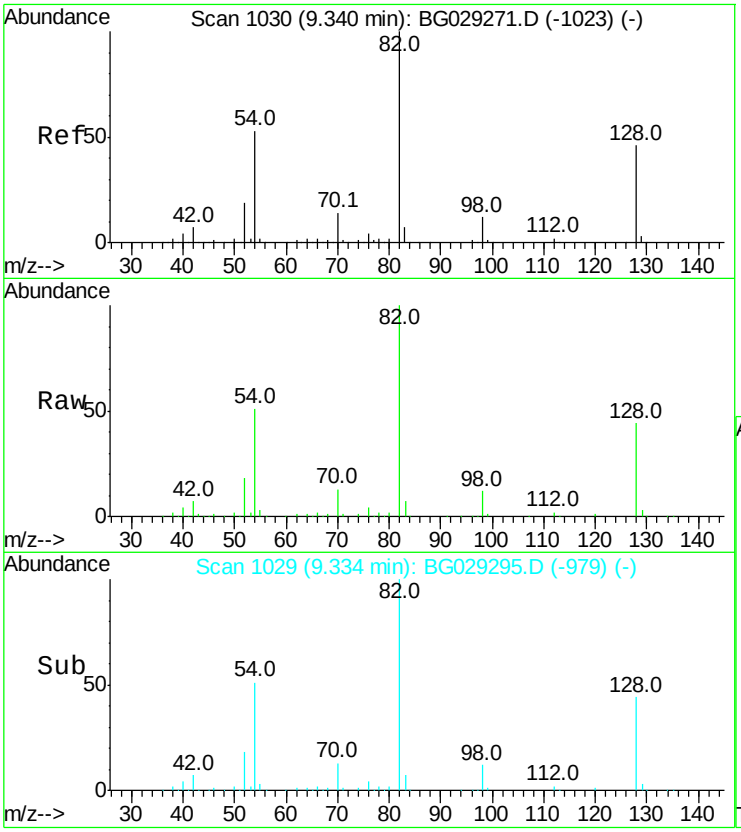


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:136 Resp: 120559

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.0	10.3	15.5#
68	6.2	4.5	6.7



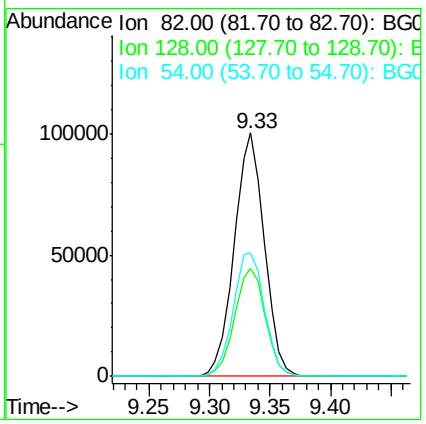


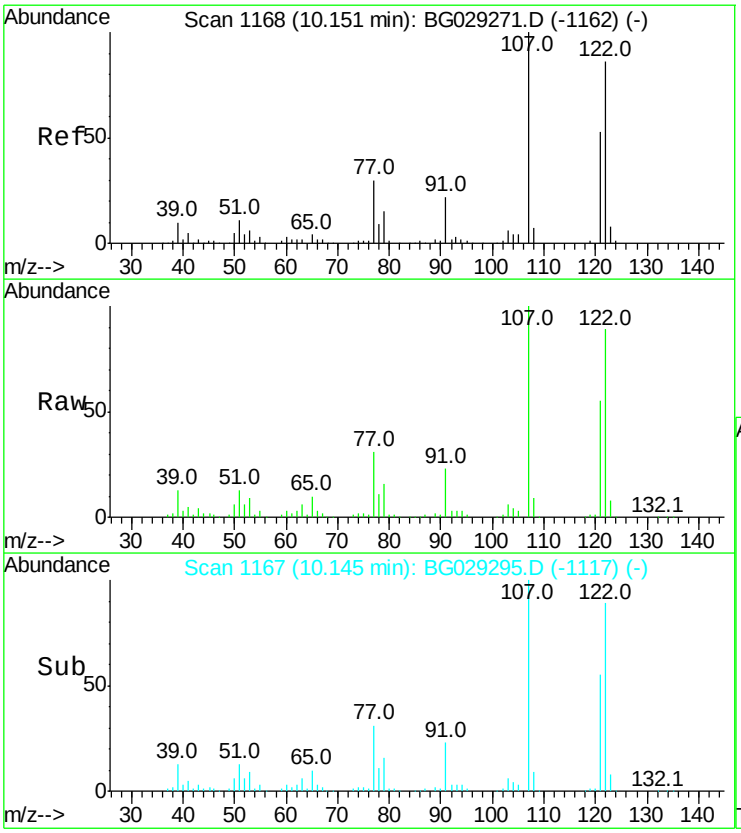
#23
Nitrobenzene-d5
Concen: 91.674 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 173920

Ion	Ratio	Lower	Upper
82	100		
128	44.1	29.7	44.5
54	50.6	43.1	64.7

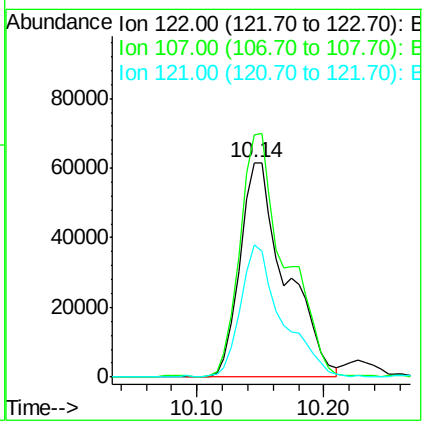


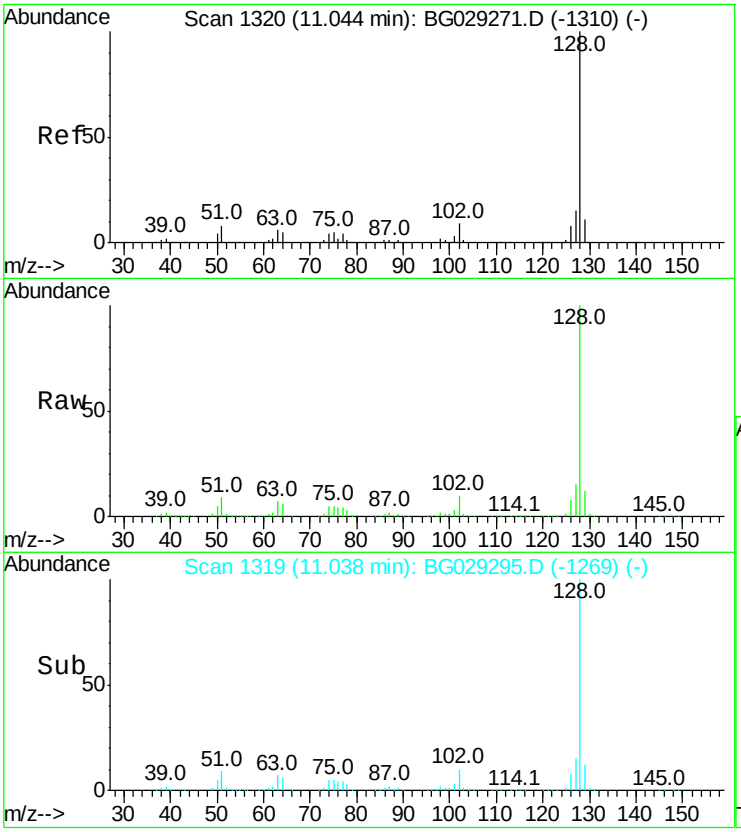


#27
2,4-Dimethylphenol
Concen: 83.943 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:122 Resp: 154837

Ion	Ratio	Lower	Upper
122	100		
107	112.8	100.2	150.2
121	61.5	44.4	66.6



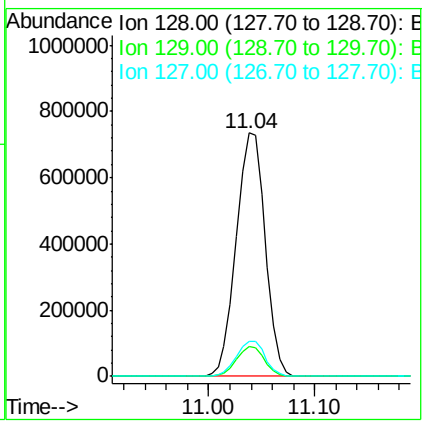


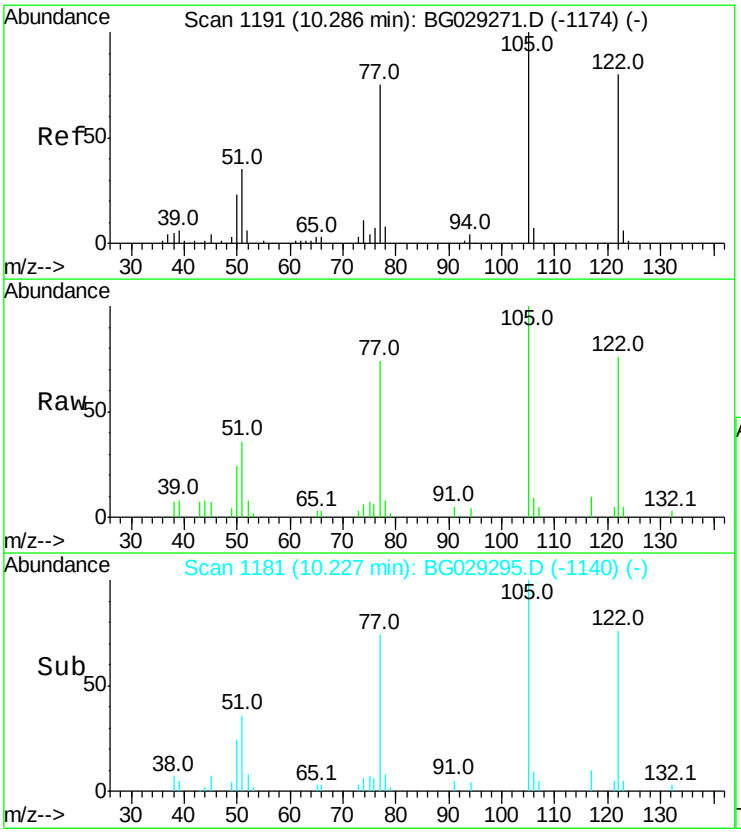
#31
Naphthalene
Concen: 231.898 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 1393342

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.6	12.8
127	14.5	11.6	17.4

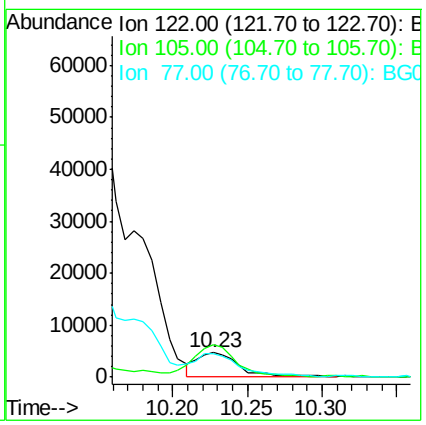


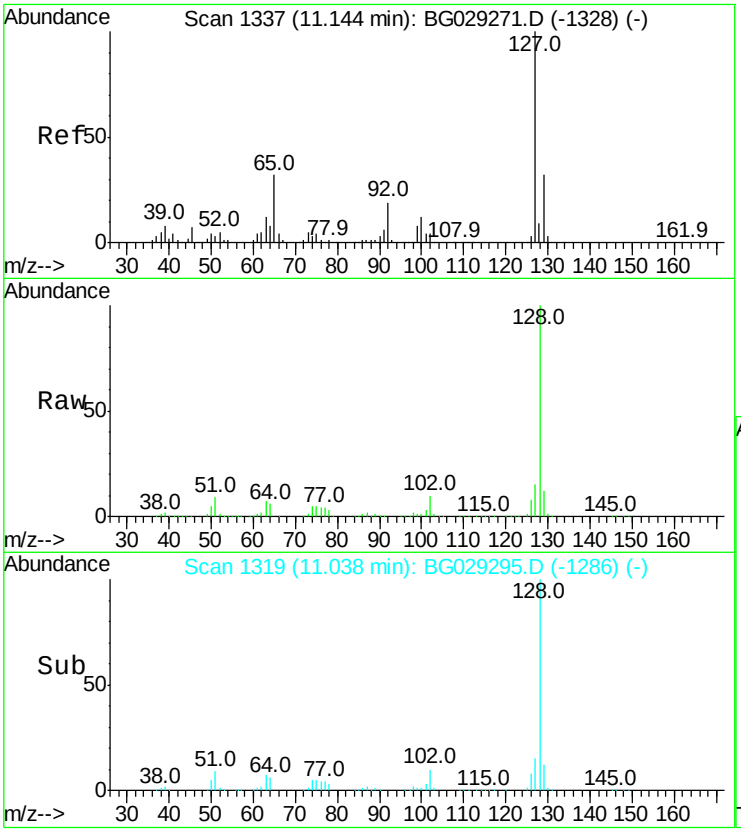


#32
Benzoic acid
Concen: 6.183 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.06 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:122 Resp: 9549

Ion	Ratio	Lower	Upper
122	100		
105	131.2	123.5	163.5
77	97.3	85.7	125.7



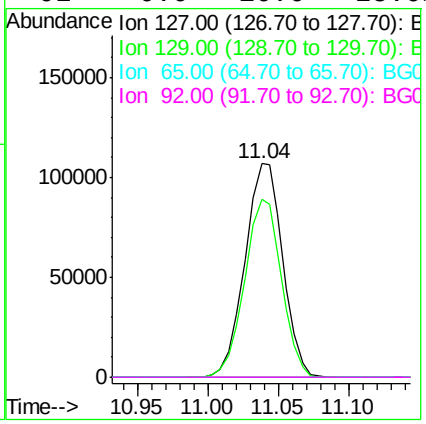


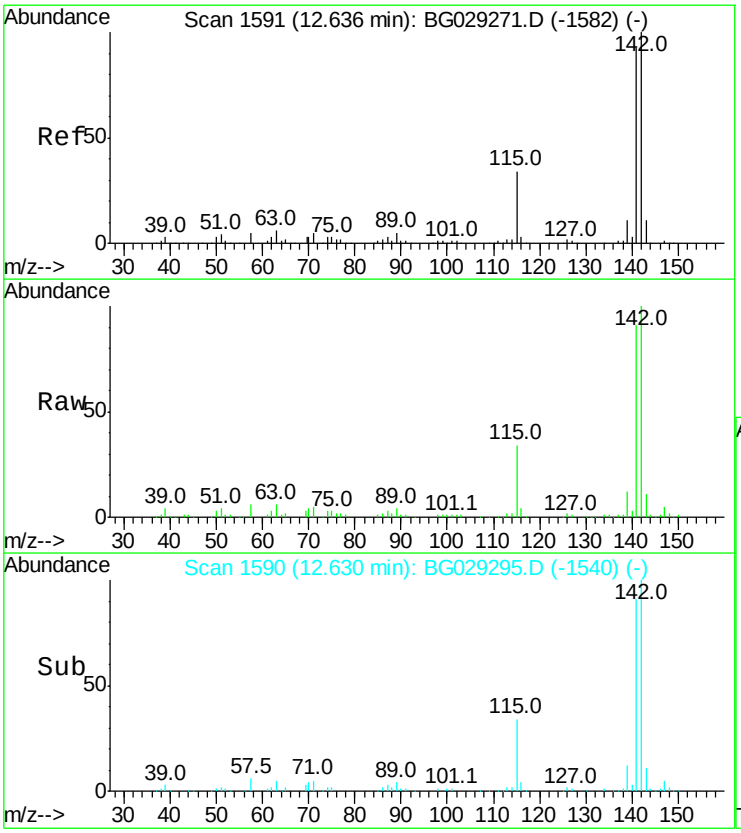
#33
4-Chloroaniline
Concen: 79.399 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.11 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 200675

Ion	Ratio	Lower	Upper
127	100		
129	83.4	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

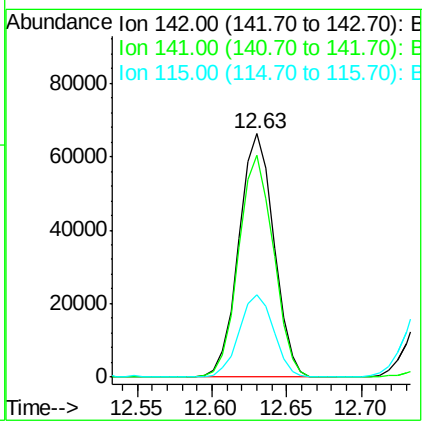


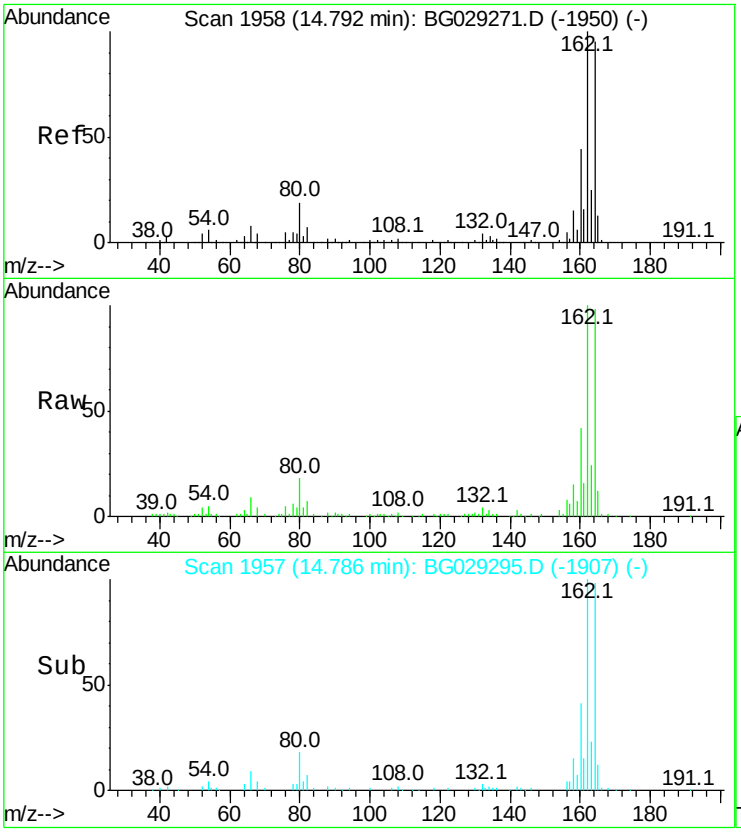


#37
2-Methylnaphthalene
Concen: 24.568 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:142 Resp: 107584

Ion	Ratio	Lower	Upper
142	100		
141	91.0	67.1	100.7
115	33.6	30.7	46.1



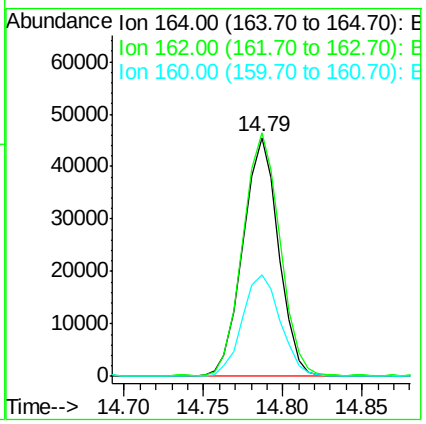


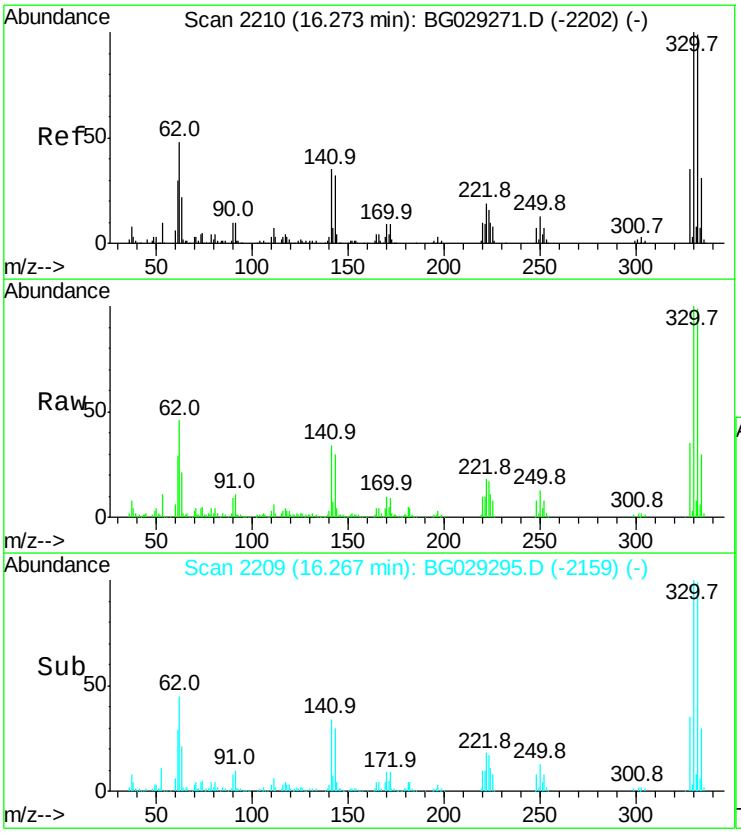
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 70849

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	42.6	35.4	53.0

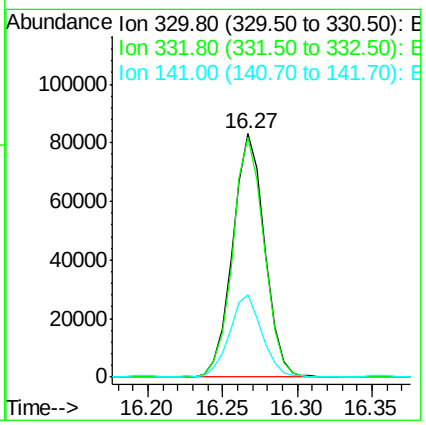


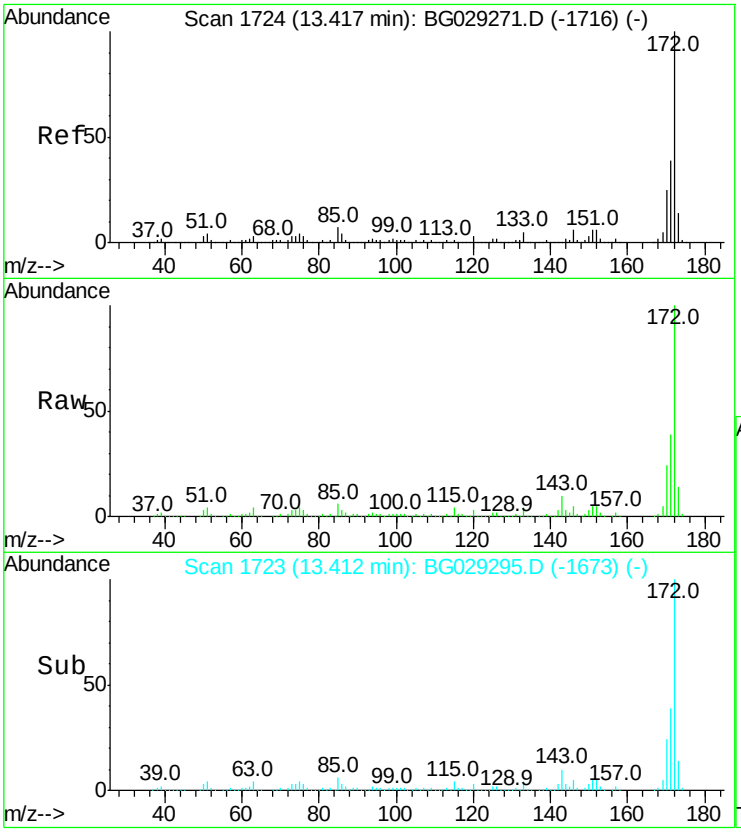


#41
2,4,6-Tribromophenol
Concen: 135.377 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:330 Resp: 123834

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.0	25.2	37.8



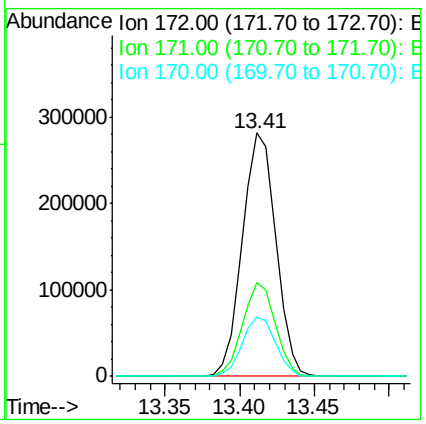


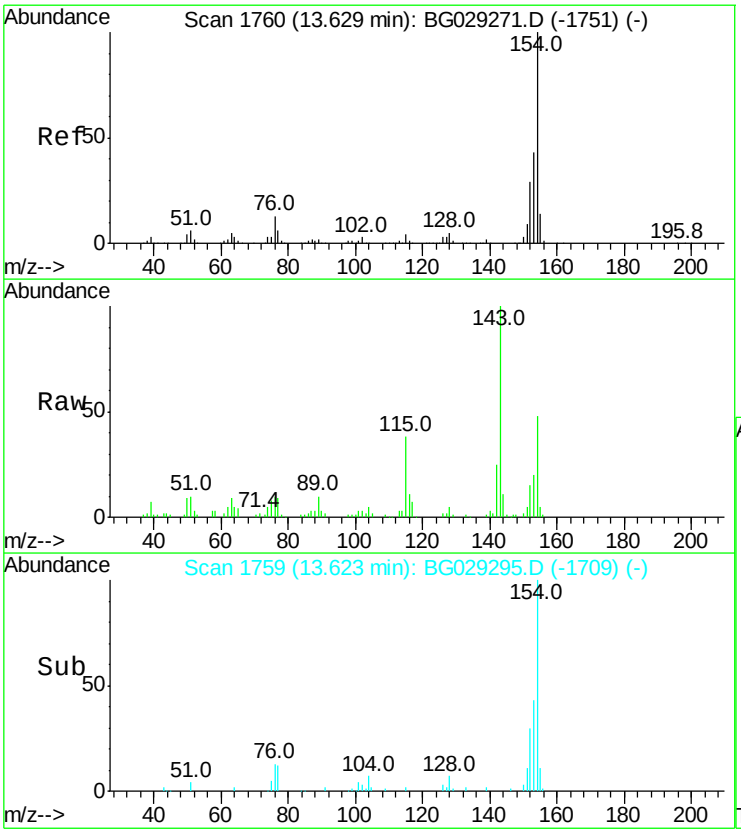
#44
2-Fluorobiphenyl
Concen: 90.225 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 435845

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	24.4	19.5	29.3

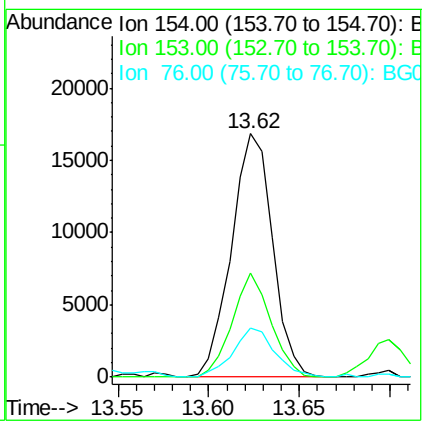


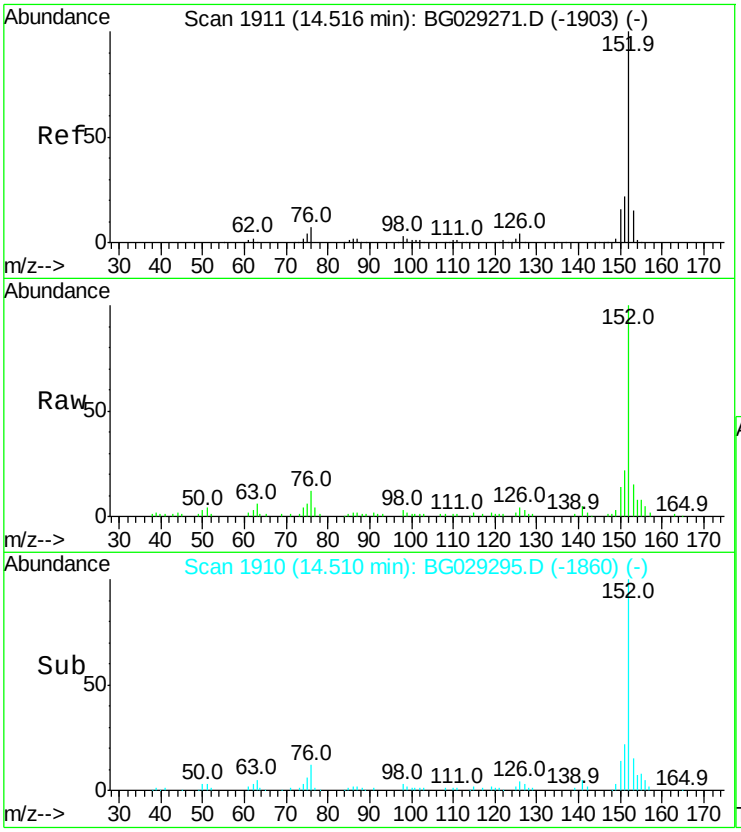


#45
1,1'-Biphenyl
Concen: 4.363 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:154 Resp: 26568

Ion	Ratio	Lower	Upper
154	100		
153	42.8	19.8	59.8
76	19.9	0.0	31.9



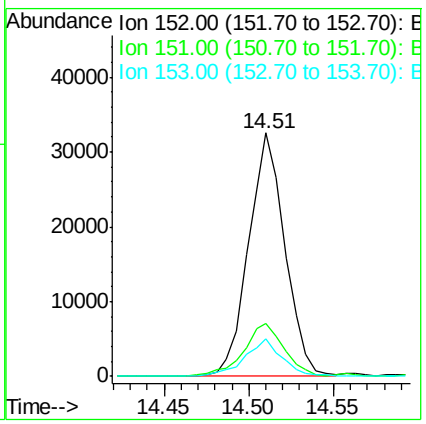


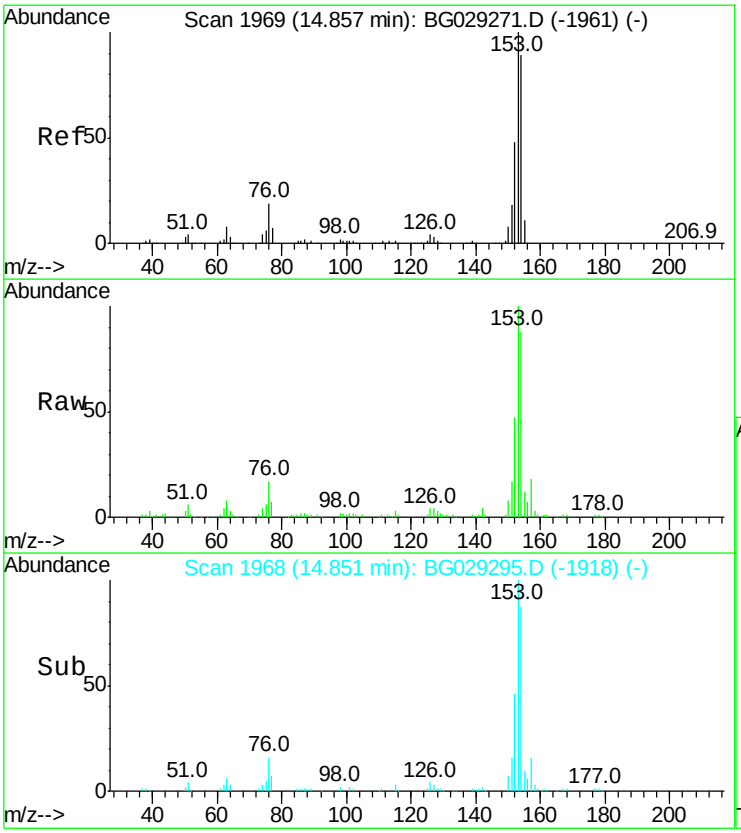
#48
Acenaphthylene
Concen: 6.996 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 48638

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	15.4	10.2	15.4#

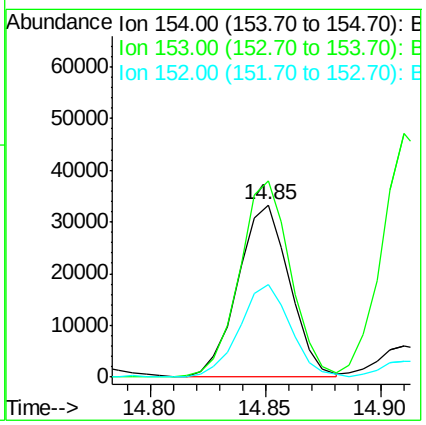


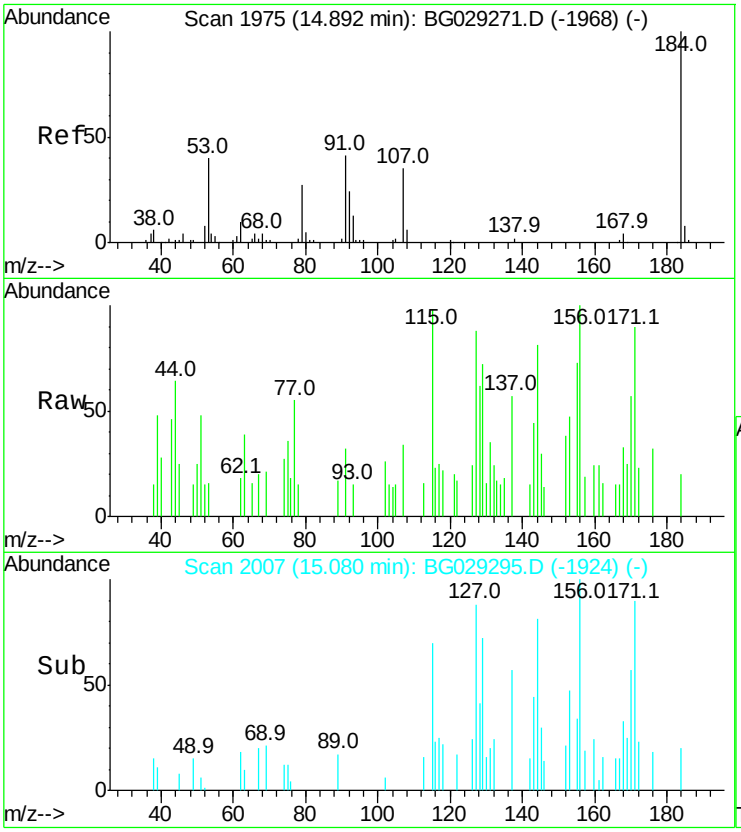


#51
Acenaphthene
Concen: 11.449 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:154 Resp: 51786

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.4	135.6
152	53.6	41.6	62.4



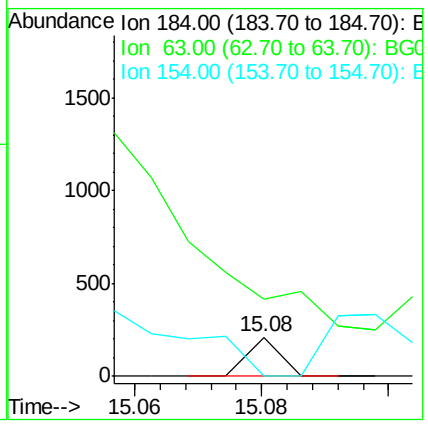


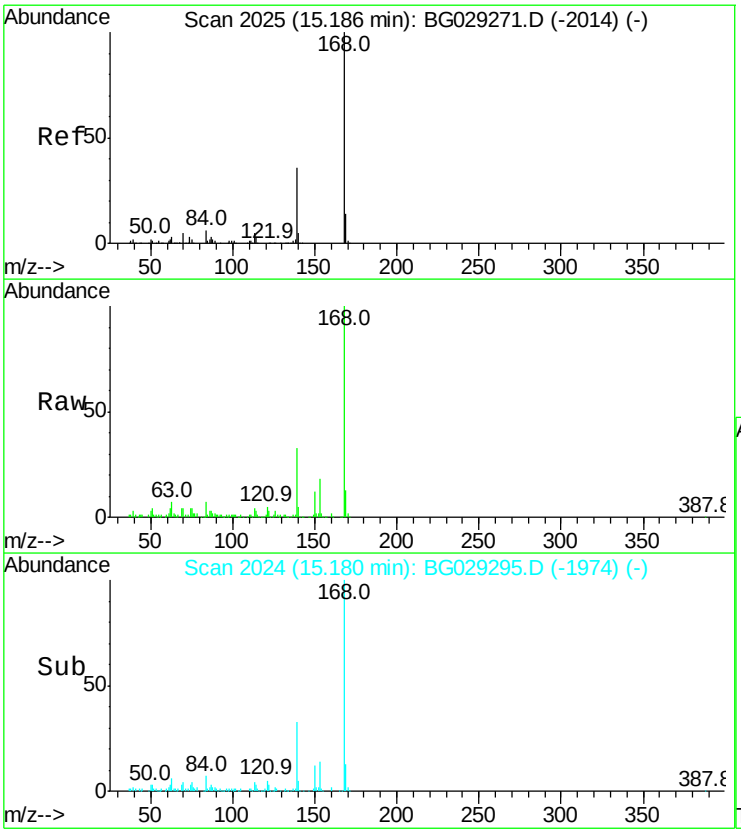
#53
2,4-Dinitrophenol
Concen: 6.737 ng
RT: 15.08 min Scan# 2007
Delta R.T. 0.19 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 74

Ion	Ratio	Lower	Upper
184	100		
63	197.2	59.8	89.8#
154	0.0	101.8	152.8#

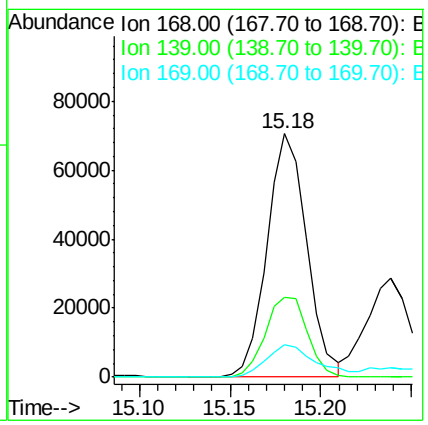


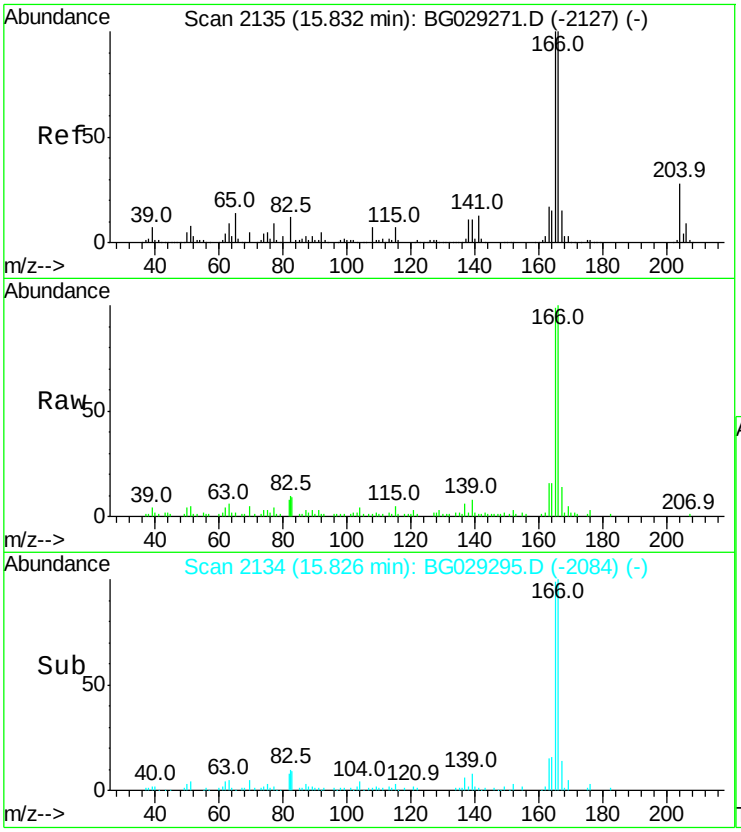


#54
Dibenzofuran
Concen: 16.644 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:168 Resp: 107468

Ion	Ratio	Lower	Upper
168	100		
139	33.0	28.6	43.0
169	13.3	11.2	16.8



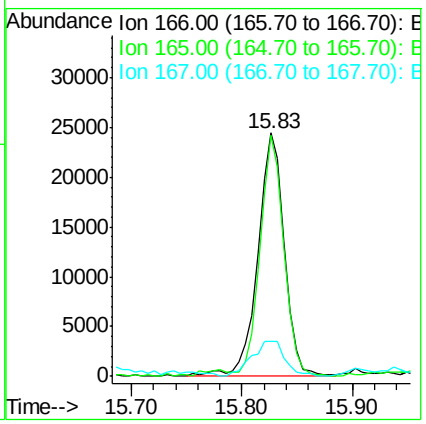


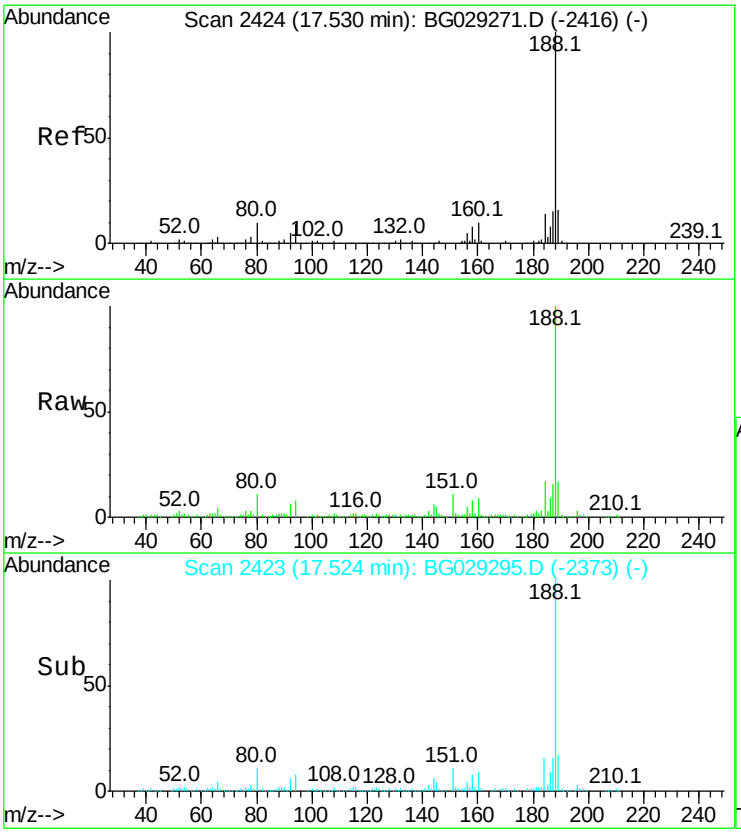
#57
Fluorene
Concen: 7.726 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 41213

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.6	121.0
167	14.3	10.4	15.6

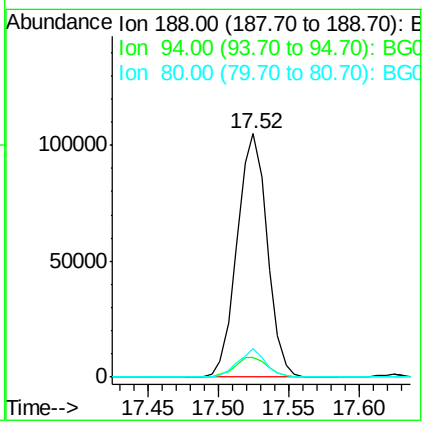


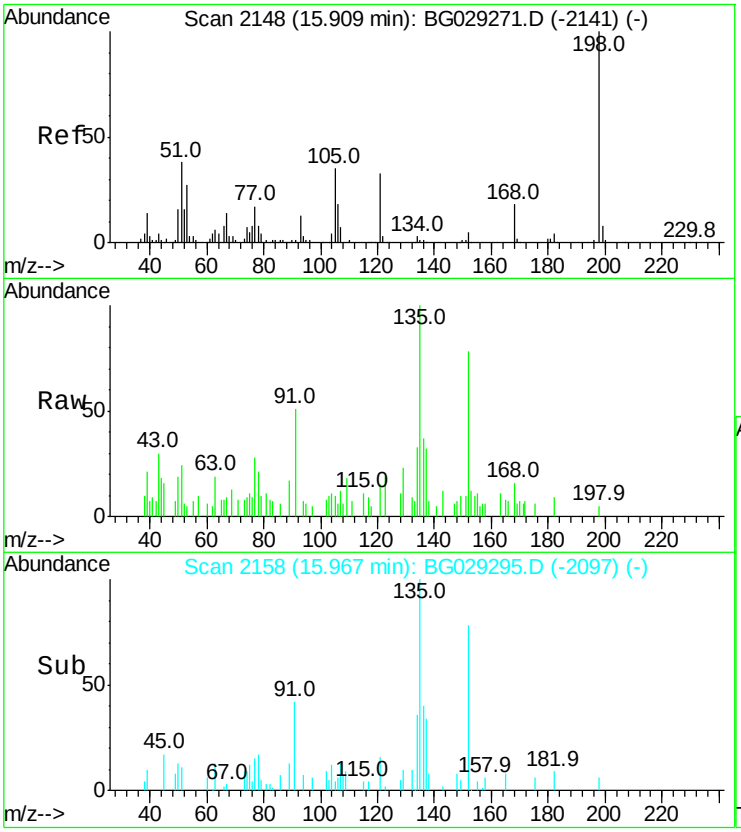


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:188 Resp: 156330

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



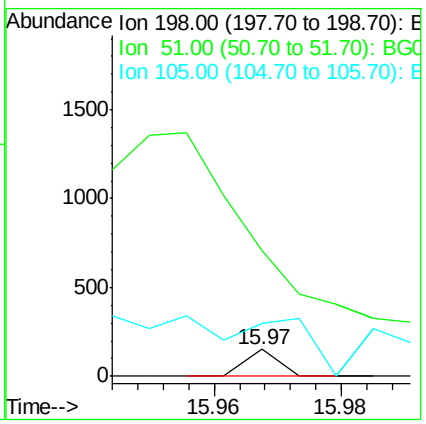


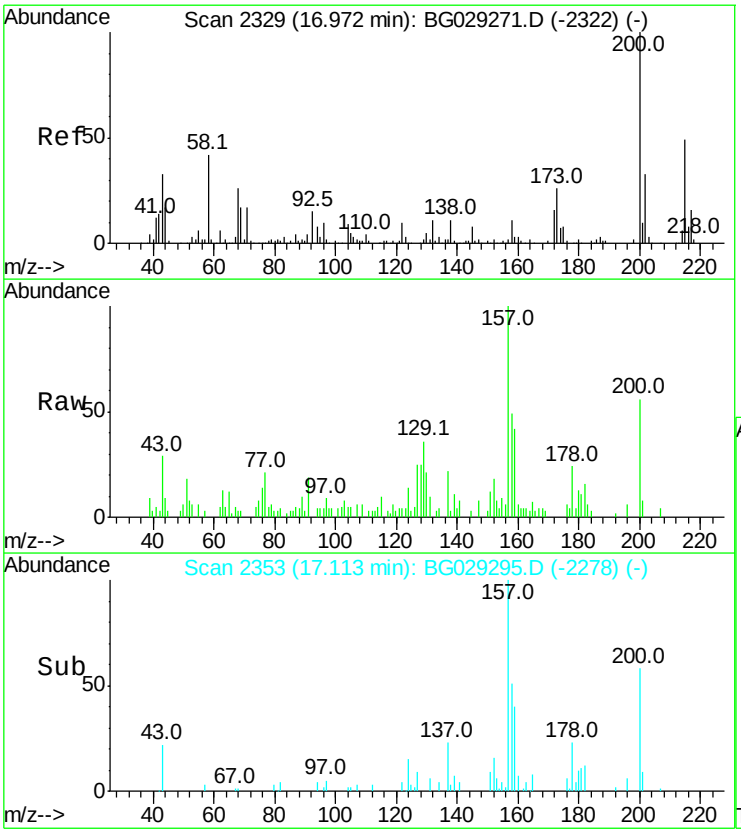
#64
4,6-Dinitro-2-methylphenol
Concen: 5.054 ng
RT: 15.97 min Scan# 2158
Delta R.T. 0.06 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 54

Ion	Ratio	Lower	Upper
198	100		
51	460.8	30.6	70.6#
105	193.5	23.8	63.8#

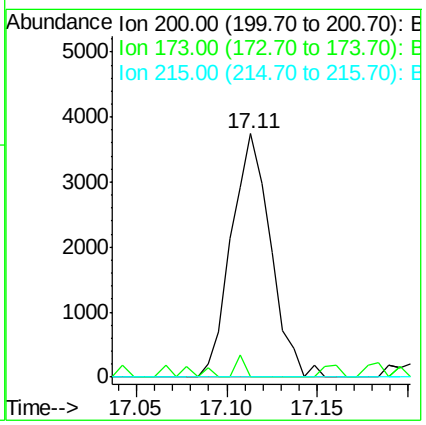


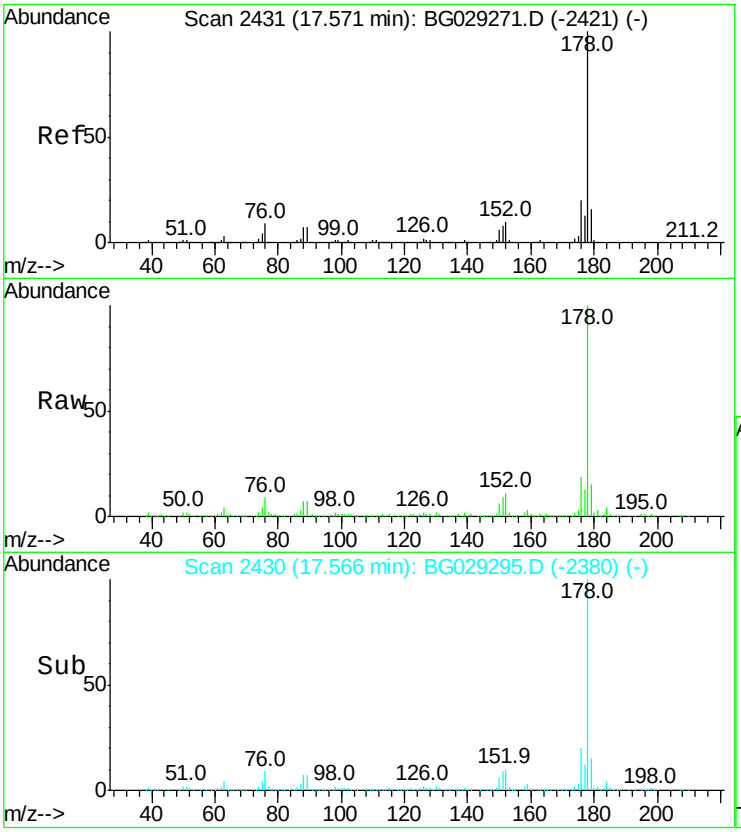


#68
Atrazine
Concen: 3.357 ng
RT: 17.11 min Scan# 2353
Delta R.T. 0.14 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:200 Resp: 5610

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.2	45.2#
215	0.0	30.4	70.4#



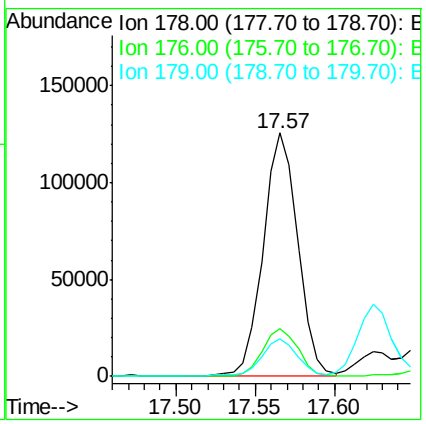


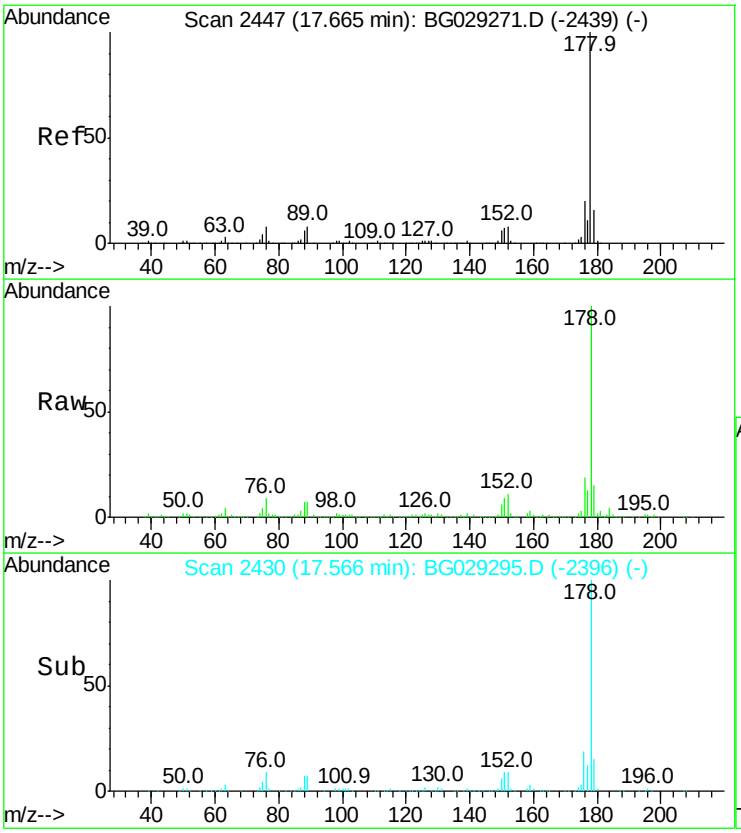
#70
Phenanthrene
Concen: 23.510 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 189868

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.3	12.5	18.7

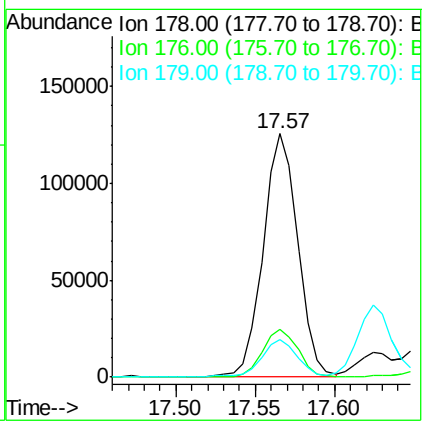


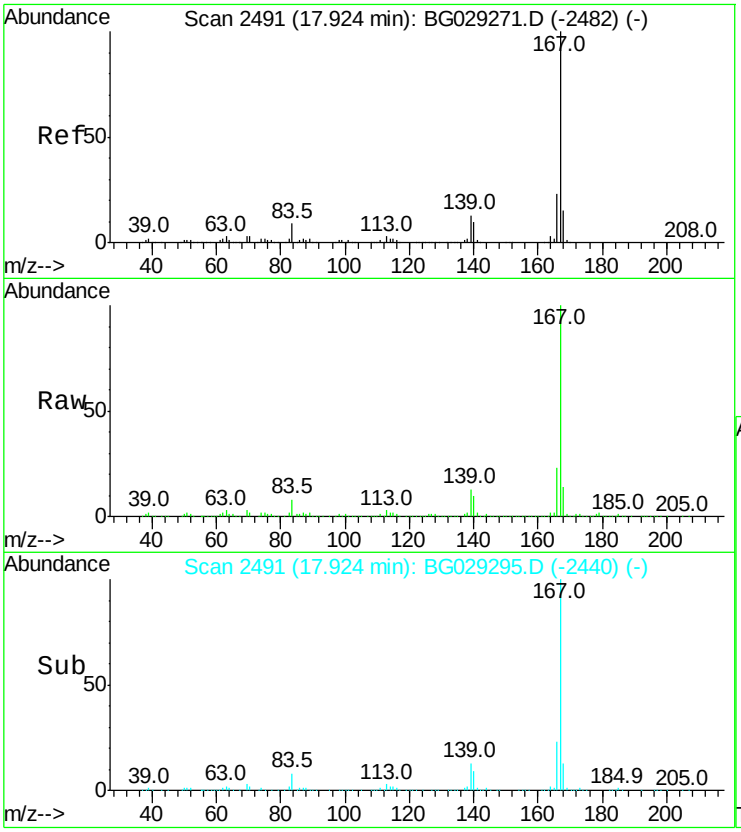


#71
Anthracene
Concen: 23.413 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.10 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:178 Resp: 189868

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.3	12.5	18.7



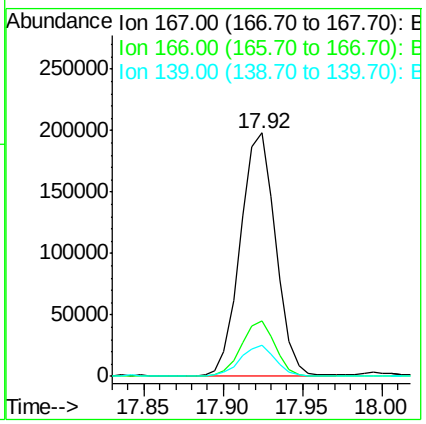


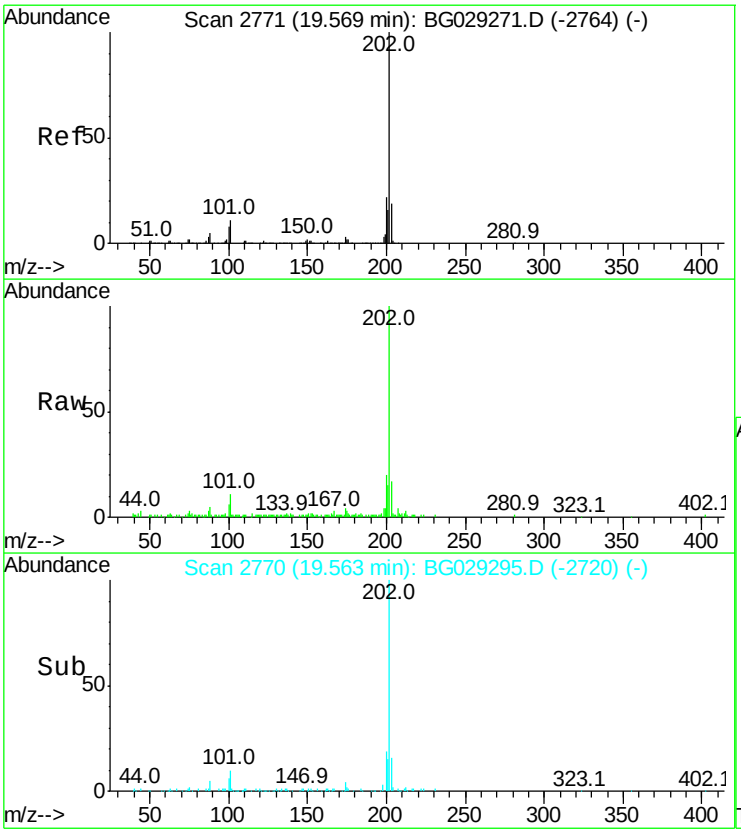
#72
Carbazole
Concen: 39.001 ng
RT: 17.92 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 303819

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	12.9	9.4	14.2

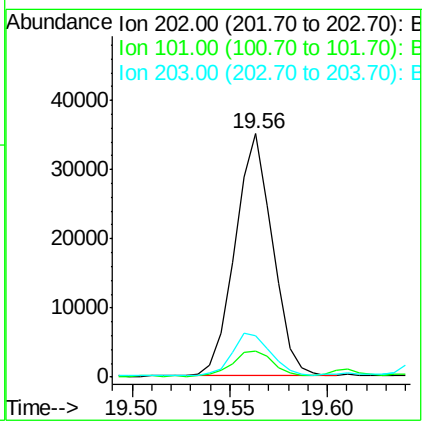


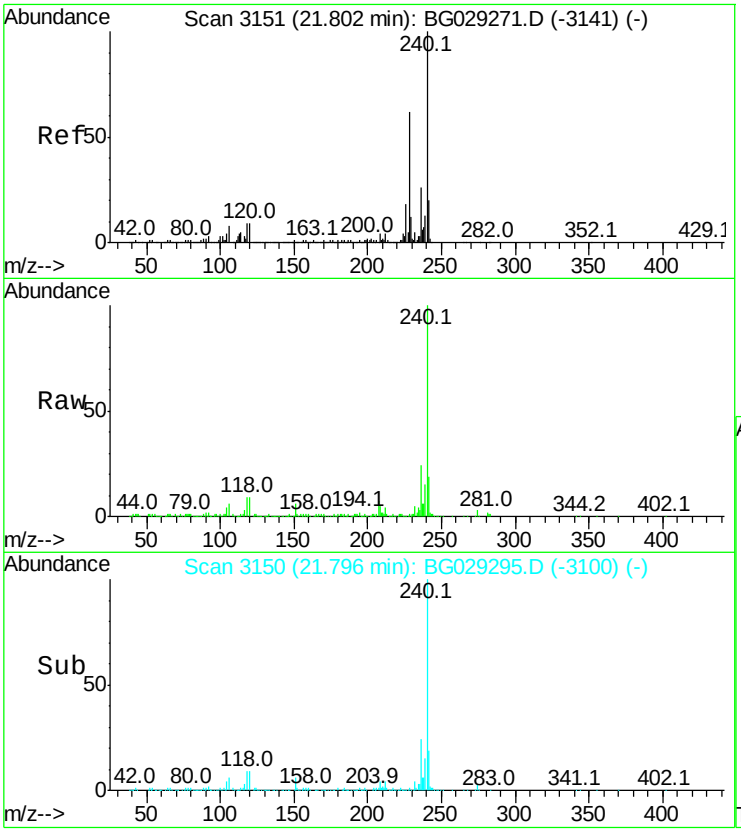


#74
Fluoranthene
Concen: 4.937 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:202 Resp: 46639

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	28.9
203	16.9	0.0	37.5



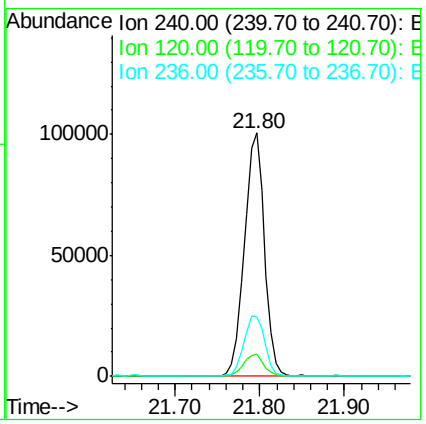


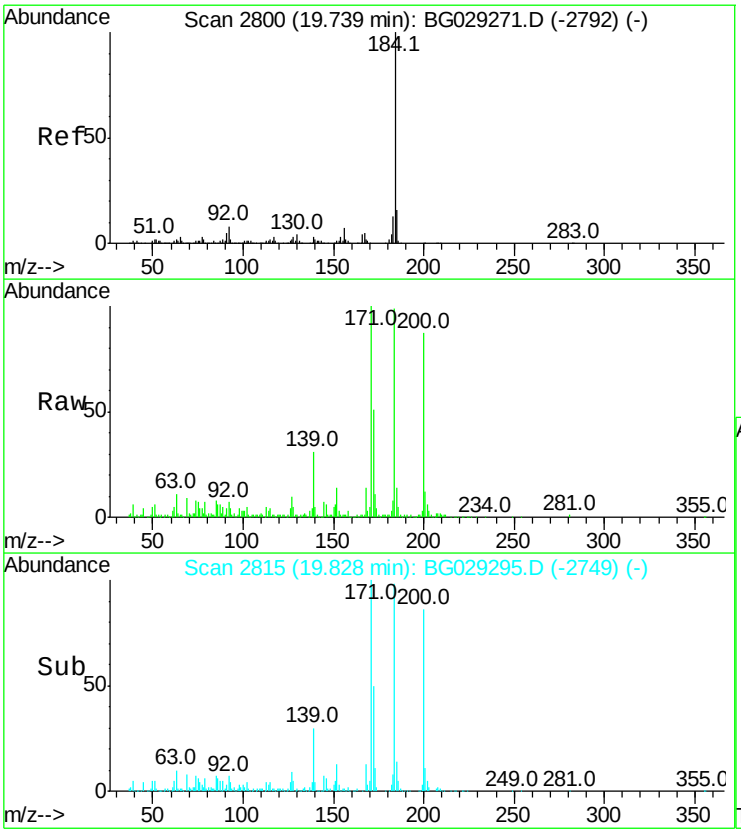
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 165900

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.8	10.2
236	24.4	20.9	31.3

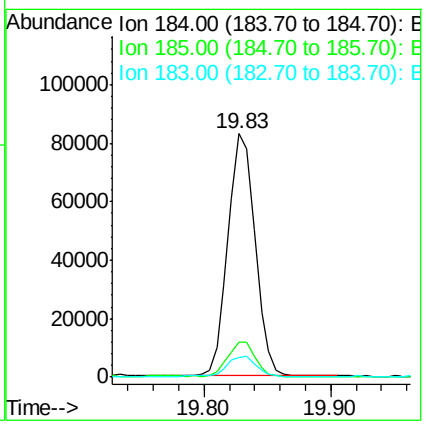


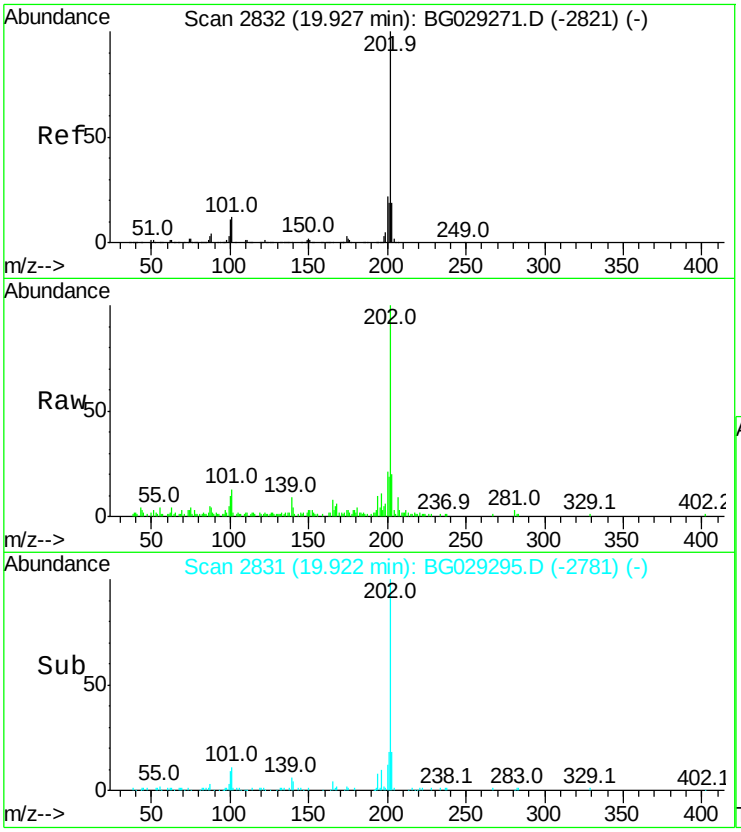


#76
Benzidine
Concen: 24.461 ng
RT: 19.83 min Scan# 2815
Delta R.T. 0.09 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:184 Resp: 122526

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.1	16.7
183	8.2	10.6	16.0#



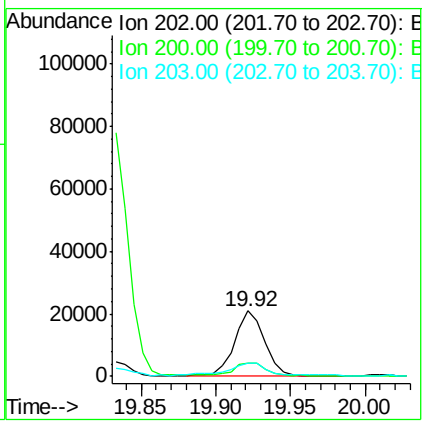


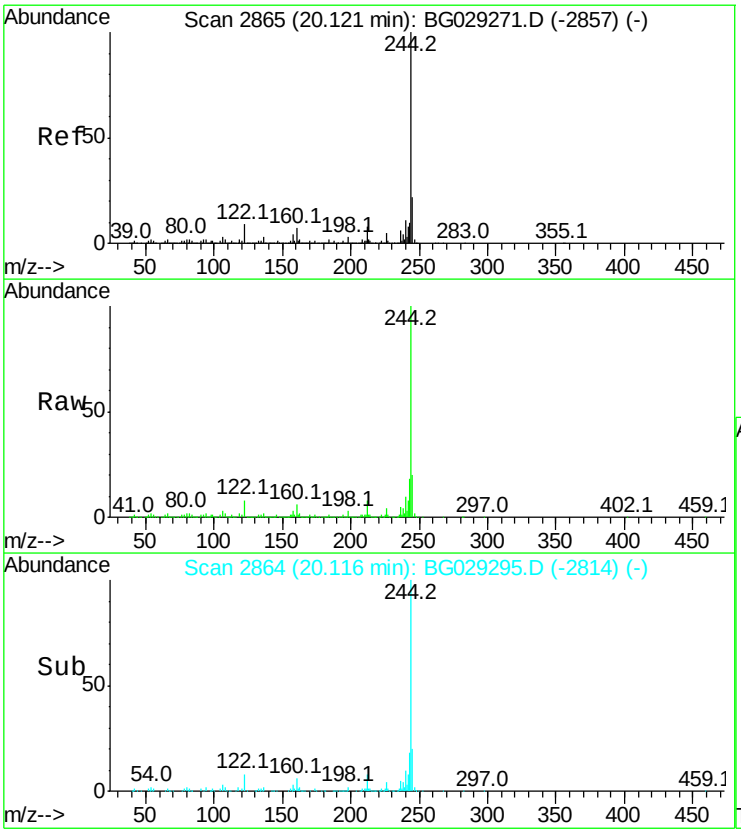
#77
Pyrene
Concen: 2.966 ng
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 29847

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	19.8	13.9	20.9

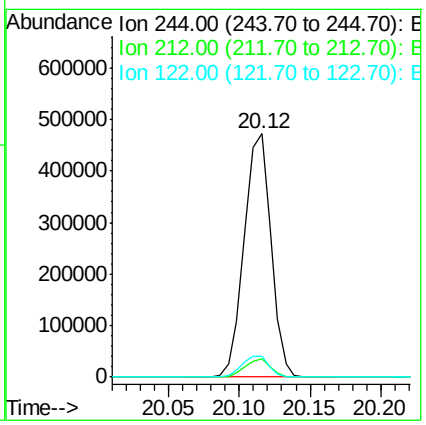


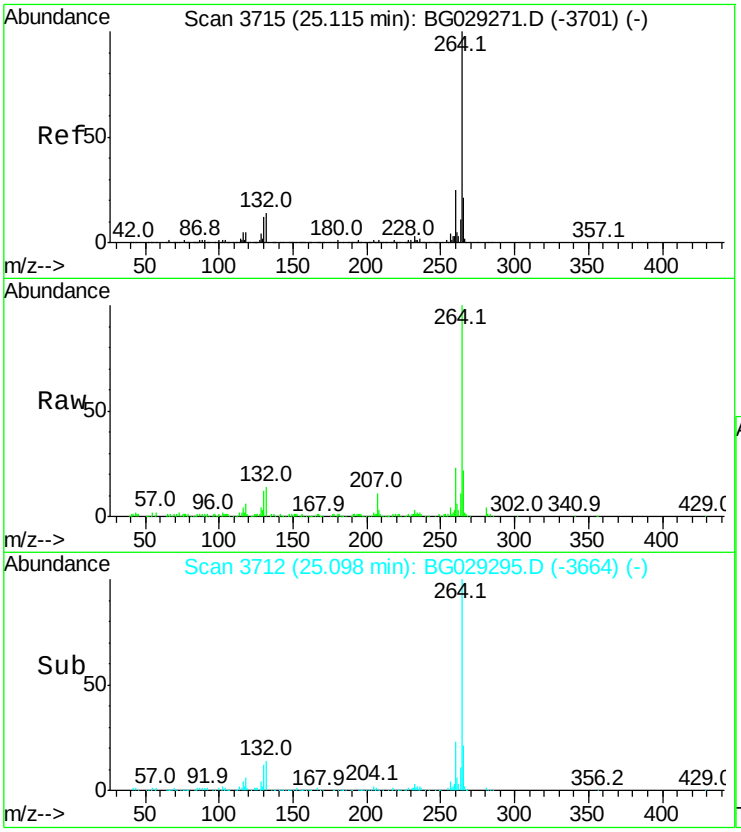


#78
Terphenyl-d14
Concen: 86.781 ng
RT: 20.12 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Tgt Ion:244 Resp: 632856

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	8.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029295.D
Acq: 17 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 168489

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.9	17.7	26.5