Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
Data File : BG030513.D
Acq On : 28 Oct 2017 1:21
Operator : SJ/JU
Sample : I6146-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 28 02:20:05 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	72770	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	330576	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	221797	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	527452	20.00	ng		0.00
75) Chrysene-d12	21.79	240	566257	20.00	ng		0.00
86) Perylene-d12	25.11	264	546579	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	552333	126.80	ng		0.00
7) Phenol-d6	7.32	99	667058	109.10	ng		0.00
23) Nitrobenzene-d5	9.33	82	509165	97.88	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	325467	113.66	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1261660	83.43	ng		0.00
78) Terphenyl-d14	20.11	244	2129754	85.56	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.04	128	71100	4.316	ng		95
37) 2-Methylnaphthalene	12.63	142	32577	2.713	ng		95
54) Dibenzofuran	15.18	168	46878	2.319	ng		96
55) 4-Nitrophenol	15.18	139	16604	5.145	ng	#	1
70) Phenanthrene	17.56	178	66224	2.430	ng		98
71) Anthracene	17.56	178	66224	2.420	ng		98

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

Quantitation Report (Not Reviewed)

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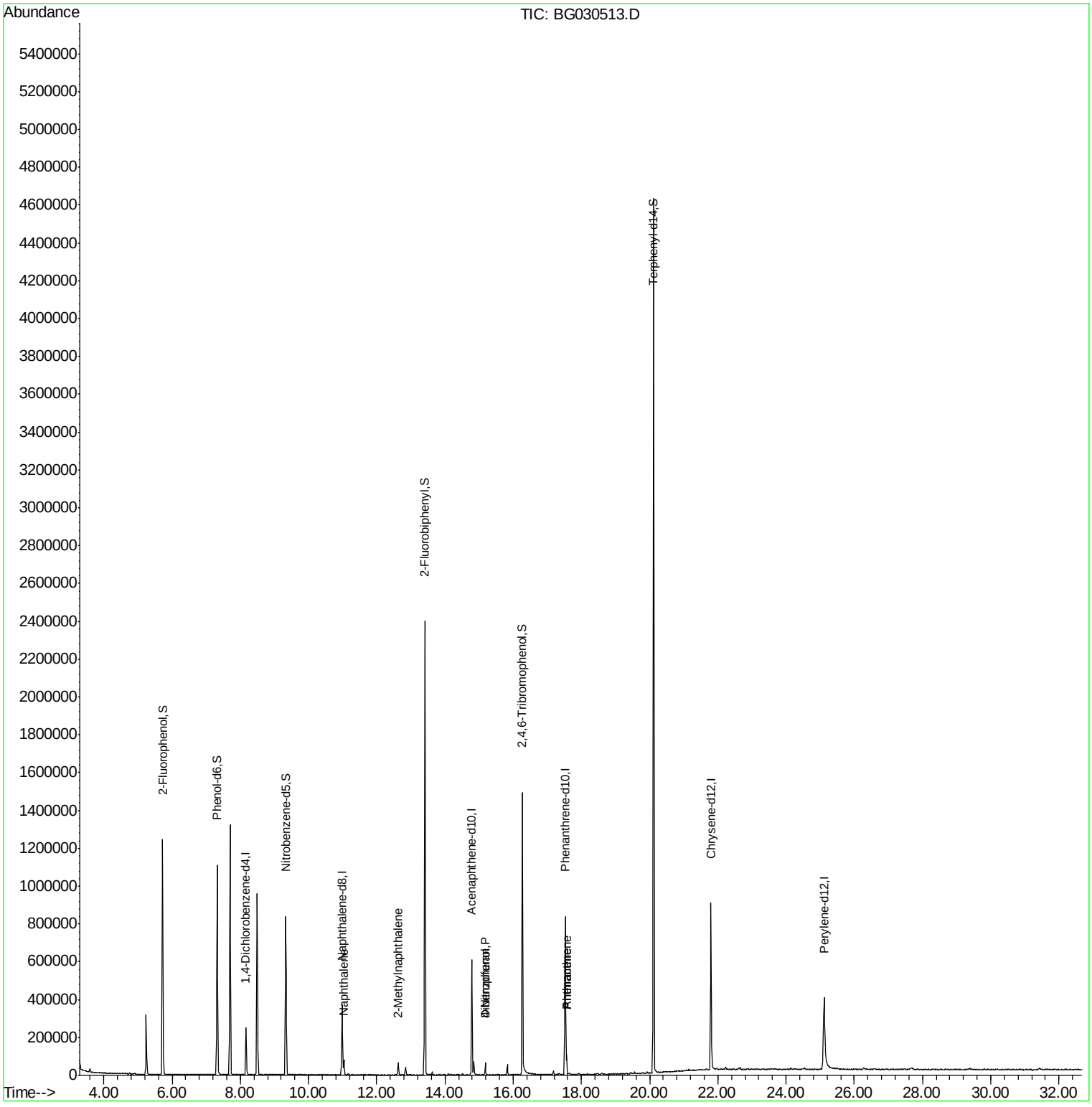
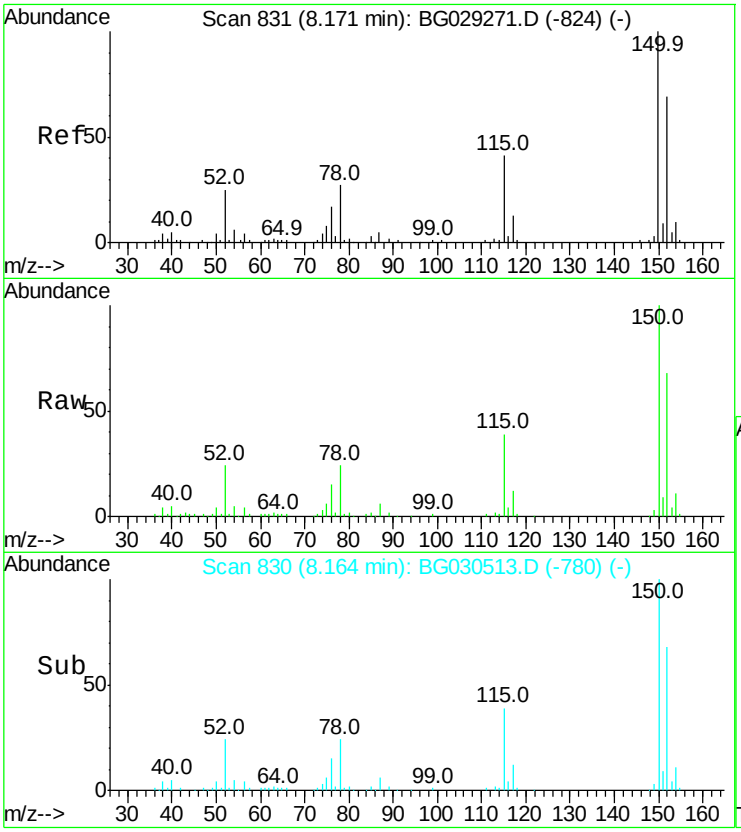


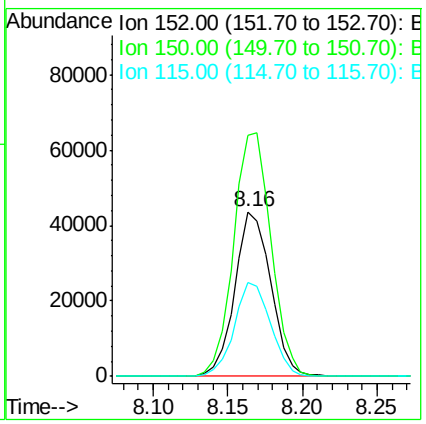


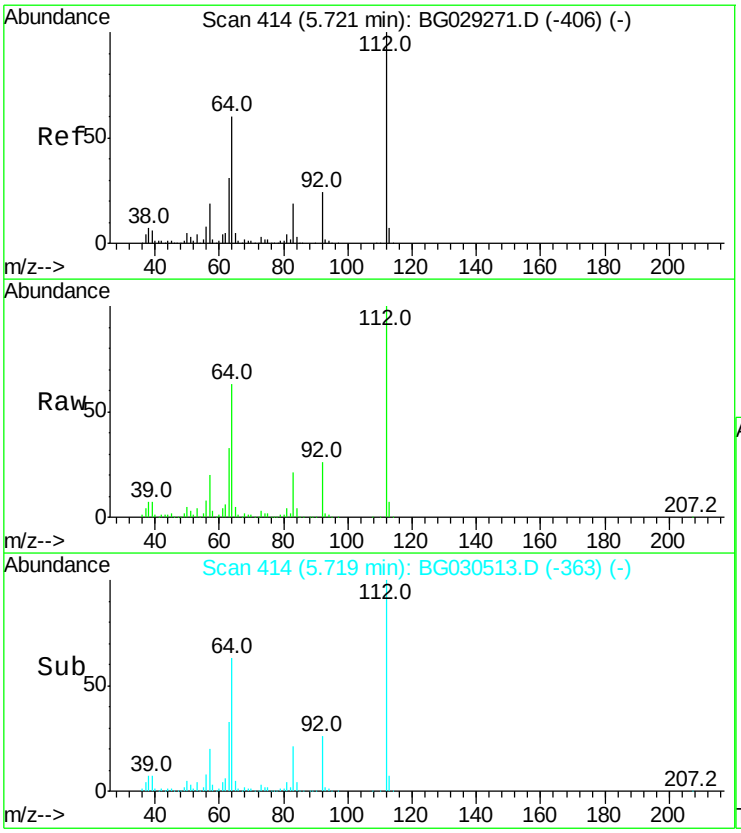
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 72770

Ion	Ratio	Lower	Upper
152	100		
150	146.4	126.6	189.8
115	57.1	53.0	79.4

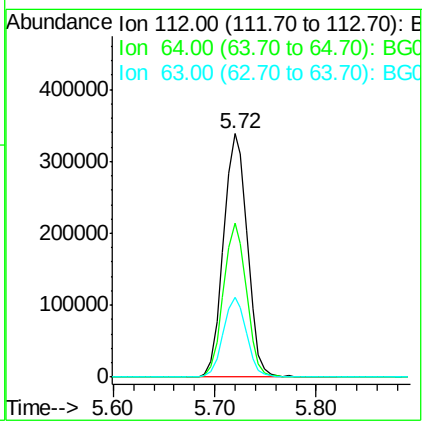


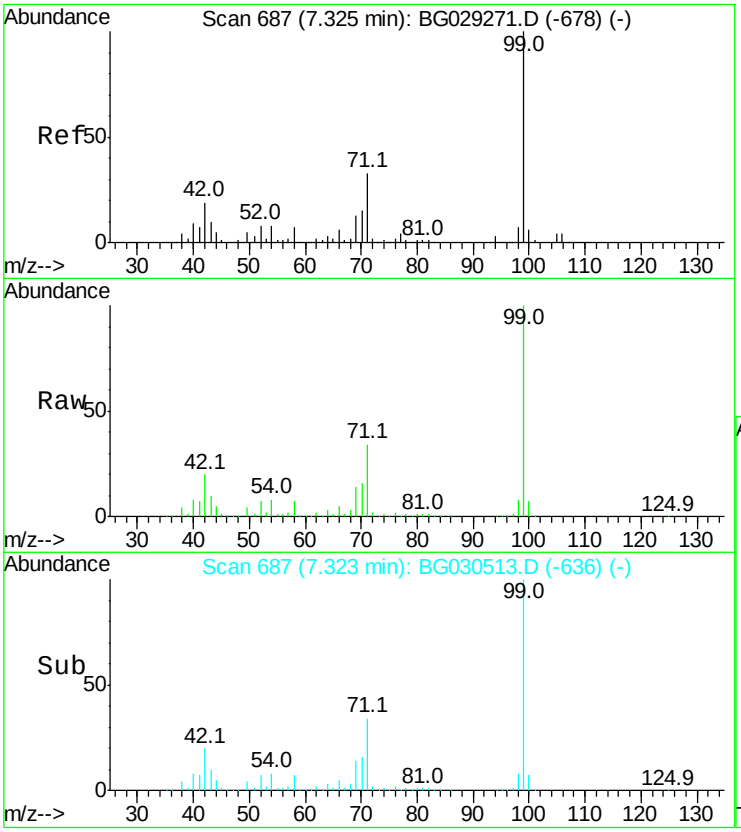


#5
2-Fluorophenol
Concen: 126.797 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion:112 Resp: 552333

Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	32.8	30.1	45.1



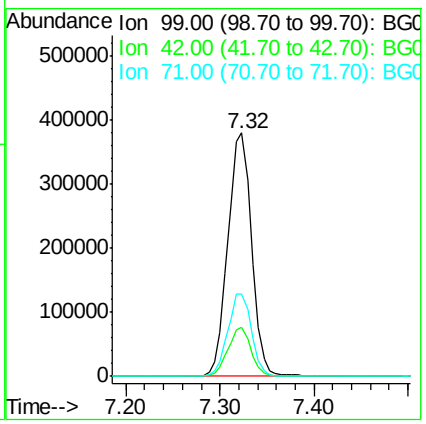


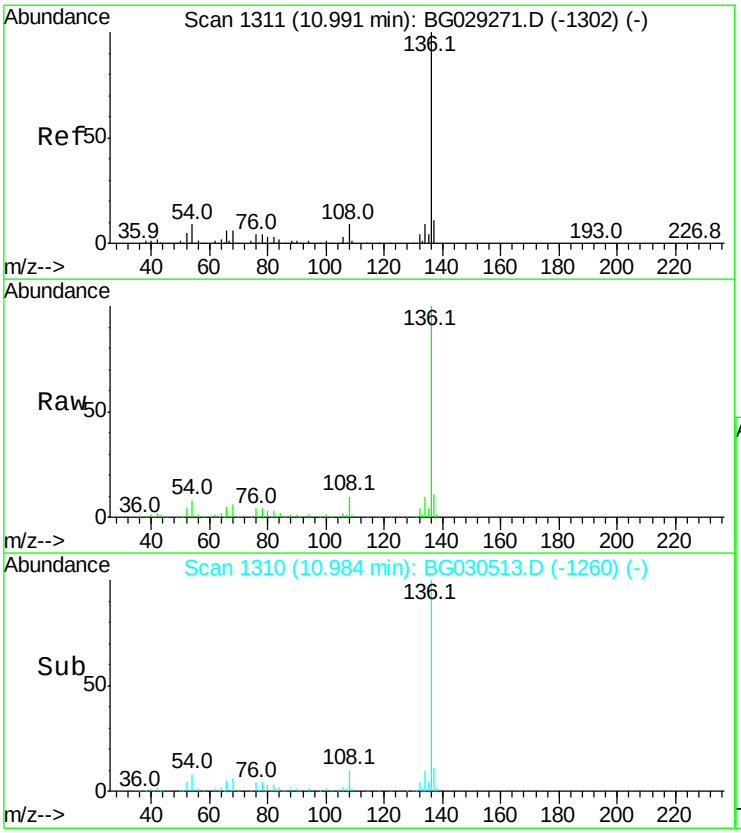
#7
Phenol-d6
Concen: 109.096 ng
RT: 7.32 min Scan# 687
Delta R.T. -0.00 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 667058

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.1	21.1
71	33.7	26.1	39.1

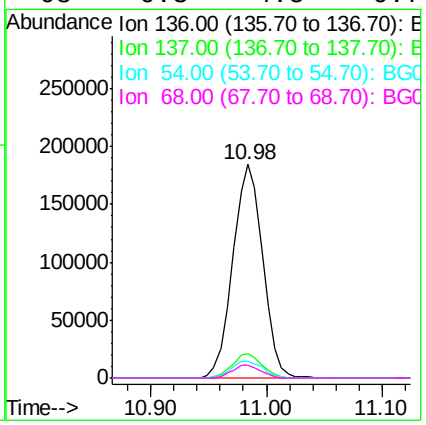


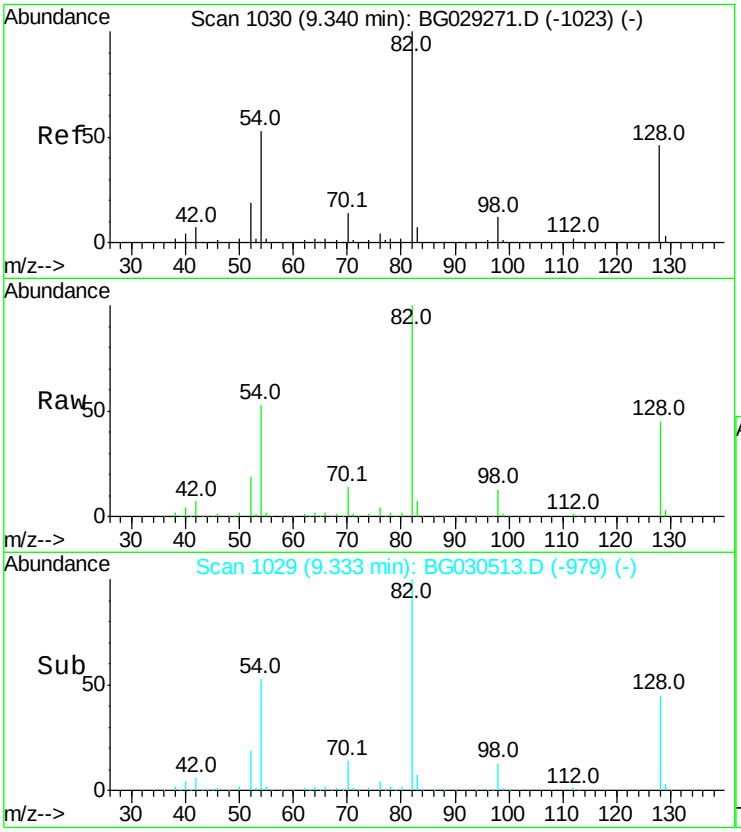


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion:136 Resp: 330576

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.9	10.3	15.5#
68	6.3	4.5	6.7



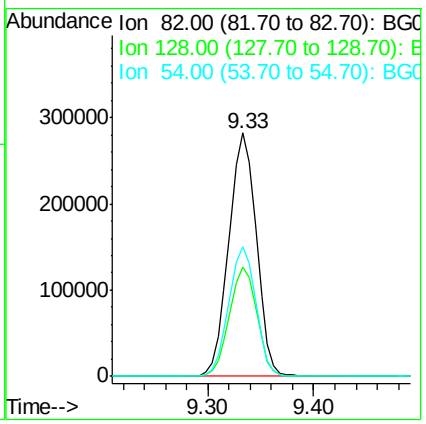


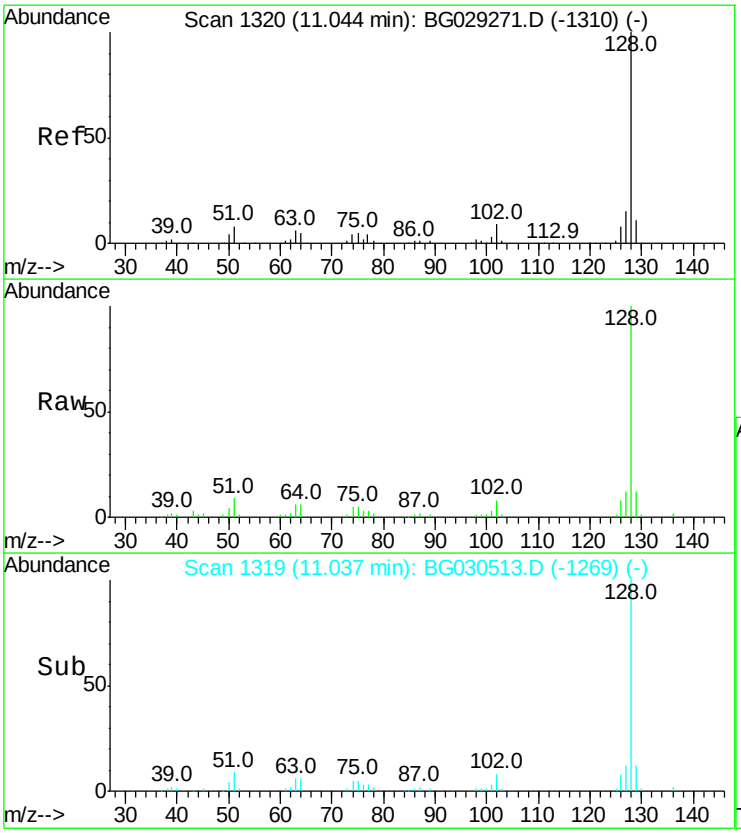
#23
Nitrobenzene-d5
Concen: 97.878 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 509165

Ion	Ratio	Lower	Upper
82	100		
128	45.1	29.7	44.5#
54	53.4	43.1	64.7

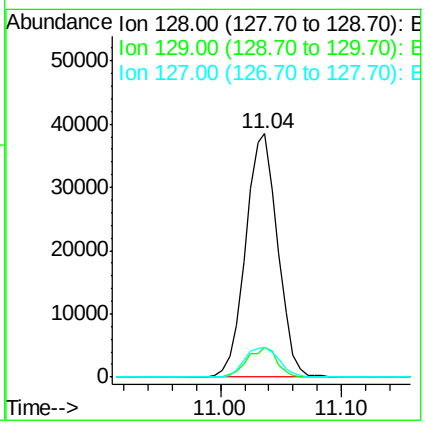


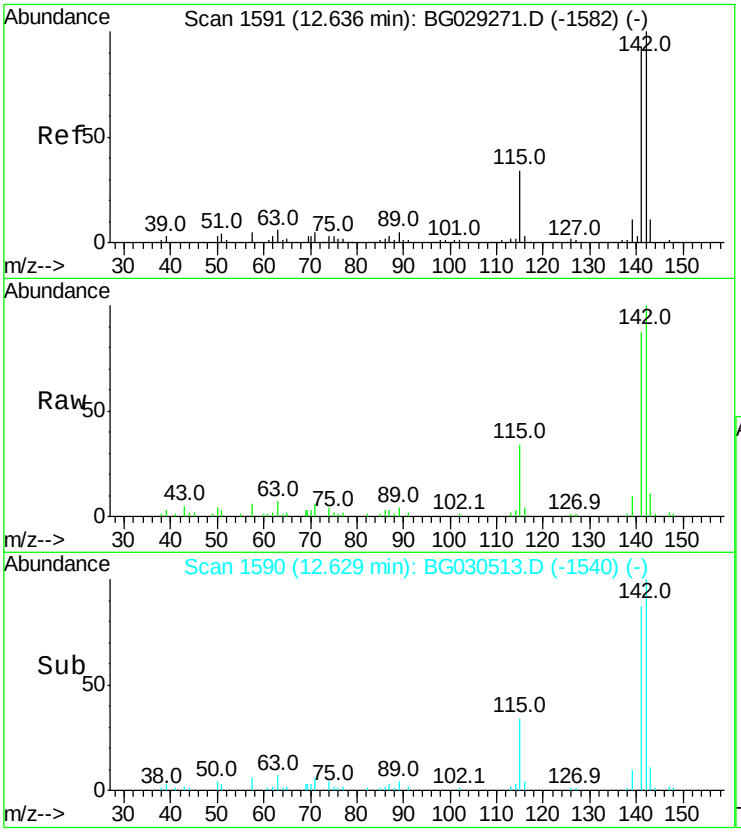


#31
Naphthalene
Concen: 4.316 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion:128 Resp: 71100

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	12.8
127	12.3	11.6	17.4



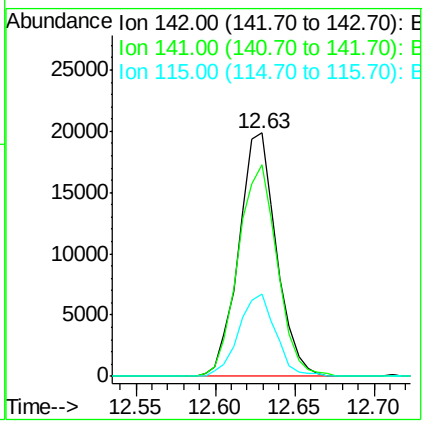


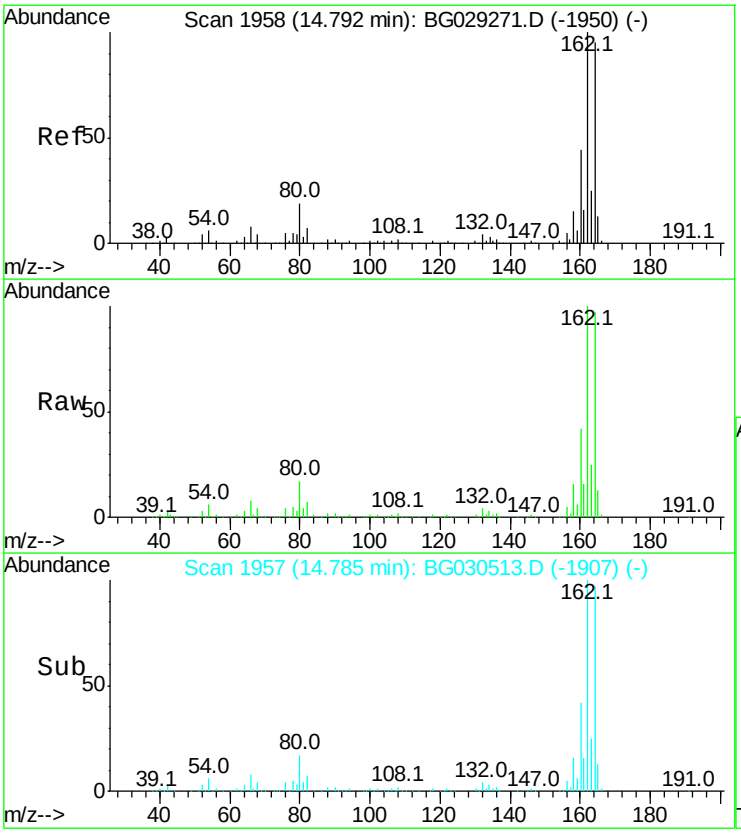
#37
2-Methylnaphthalene
Concen: 2.713 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 32577

Ion	Ratio	Lower	Upper
142	100		
141	87.2	67.1	100.7
115	33.9	30.7	46.1

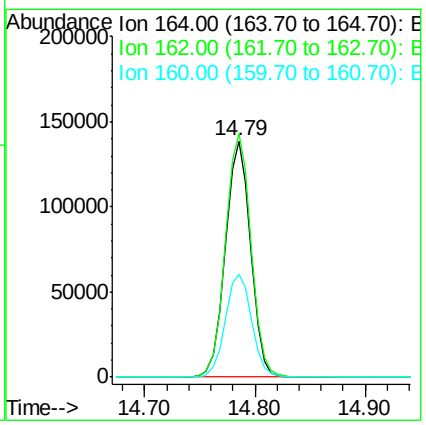


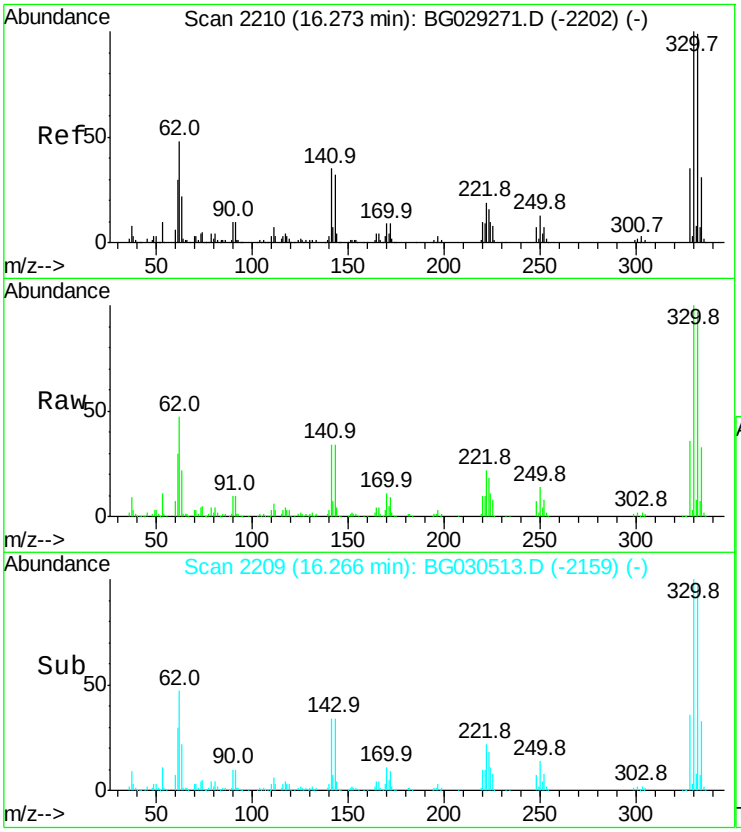


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion:164 Resp: 221797

Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	43.6	35.4	53.0



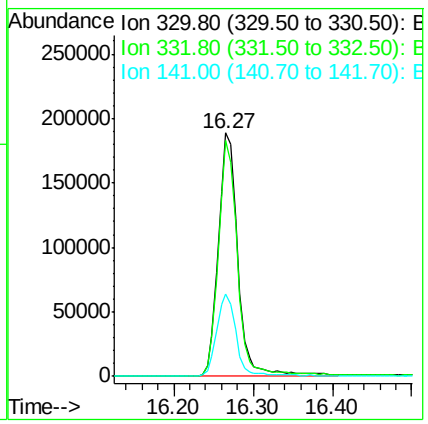


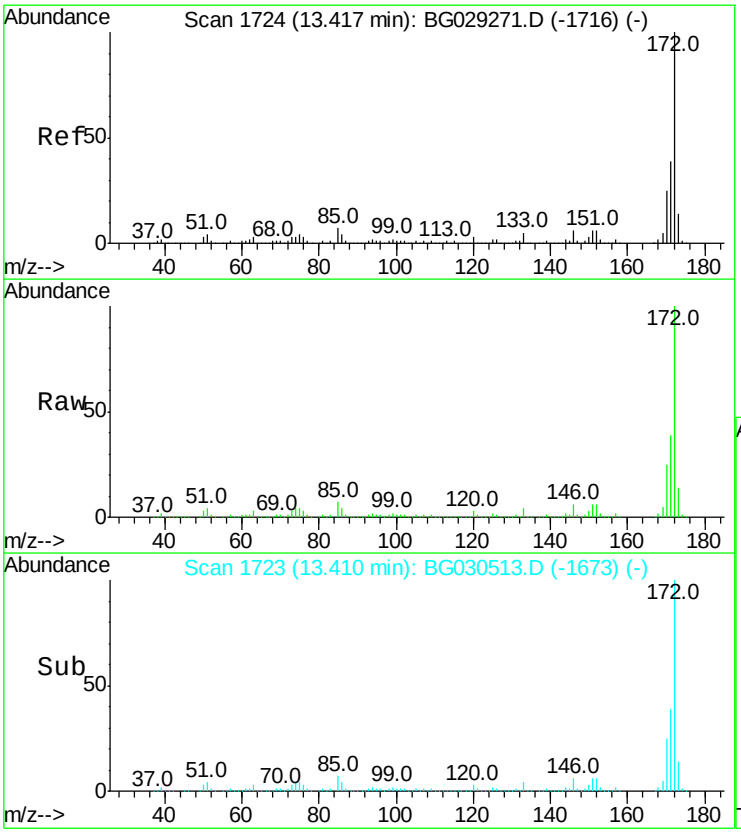
#41
2,4,6-Tribromophenol
Concen: 113.656 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 325467

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	33.3	25.2	37.8

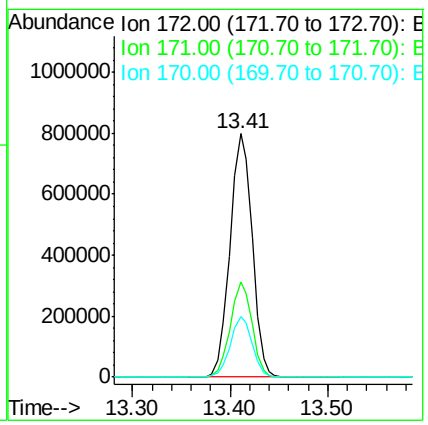


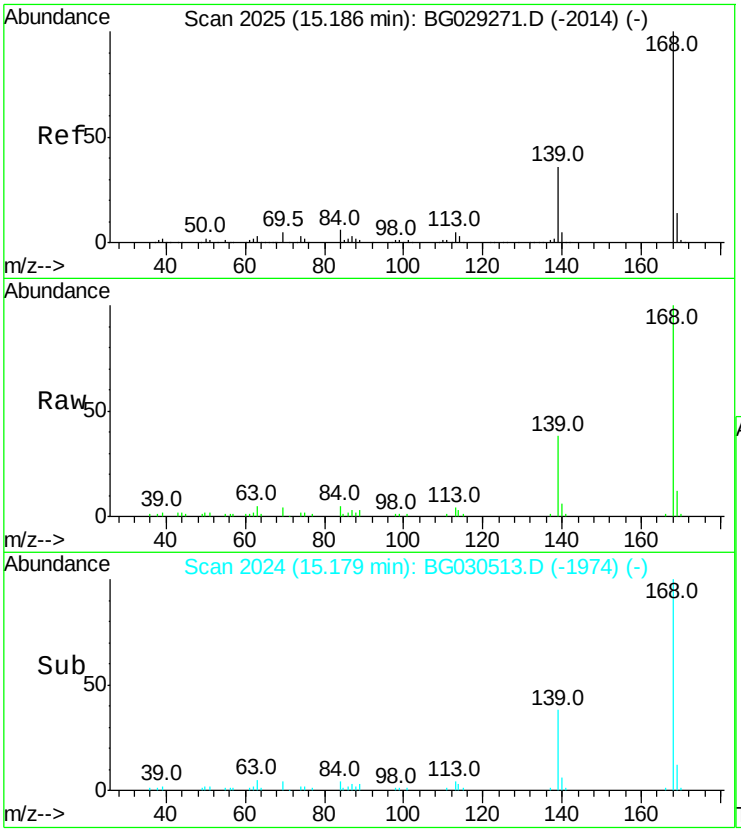


#44
2-Fluorobiphenyl
Concen: 83.429 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion:172 Resp: 1261660

Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	24.9	19.5	29.3



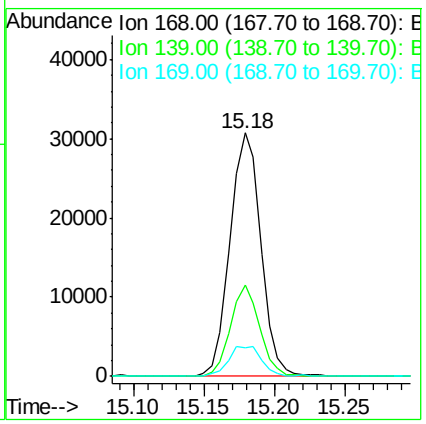


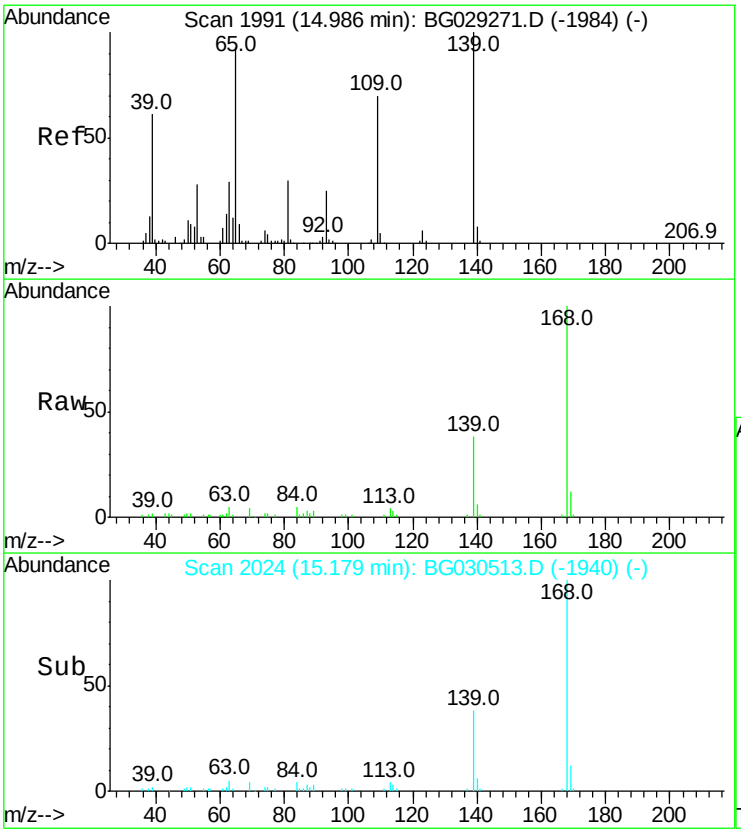
#54
Dibenzofuran
Concen: 2.319 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 46878

Ion	Ratio	Lower	Upper
168	100		
139	37.6	28.6	43.0
169	11.6	11.2	16.8

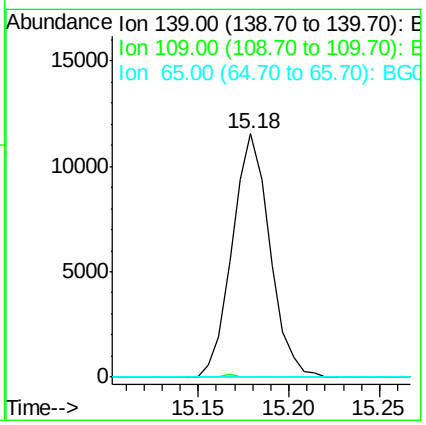


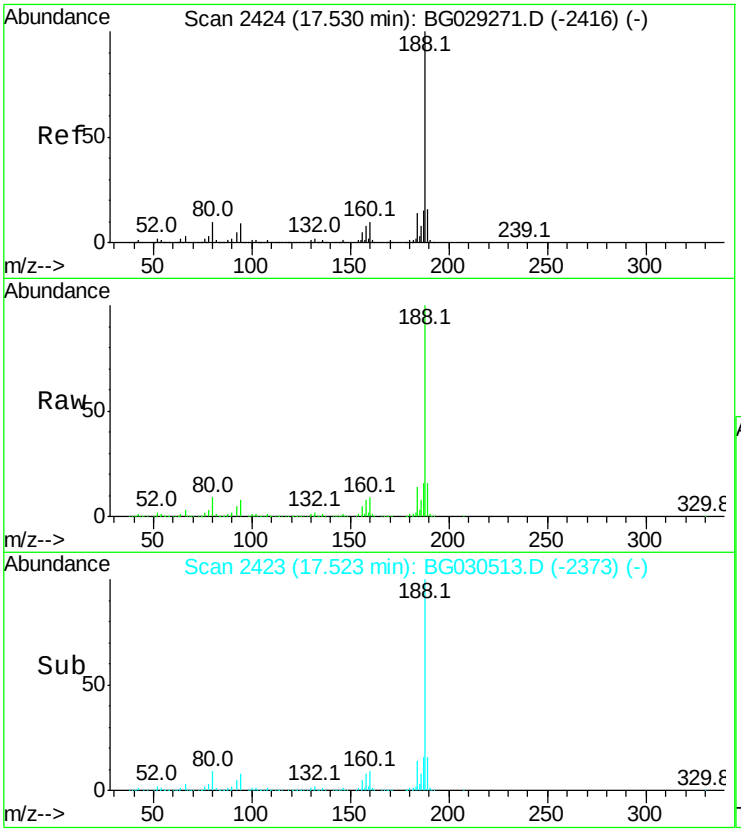


#55
4-Nitrophenol
Concen: 5.145 ng
RT: 15.18 min Scan# 2024
Delta R.T. 0.19 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion:139 Resp: 16604

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



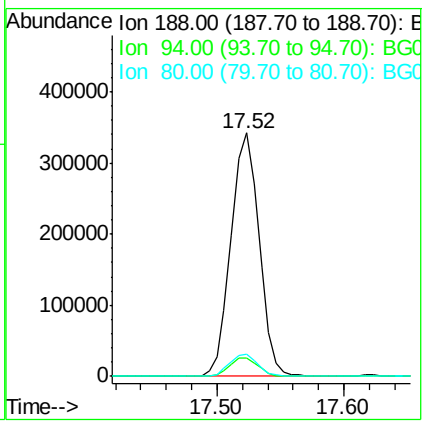


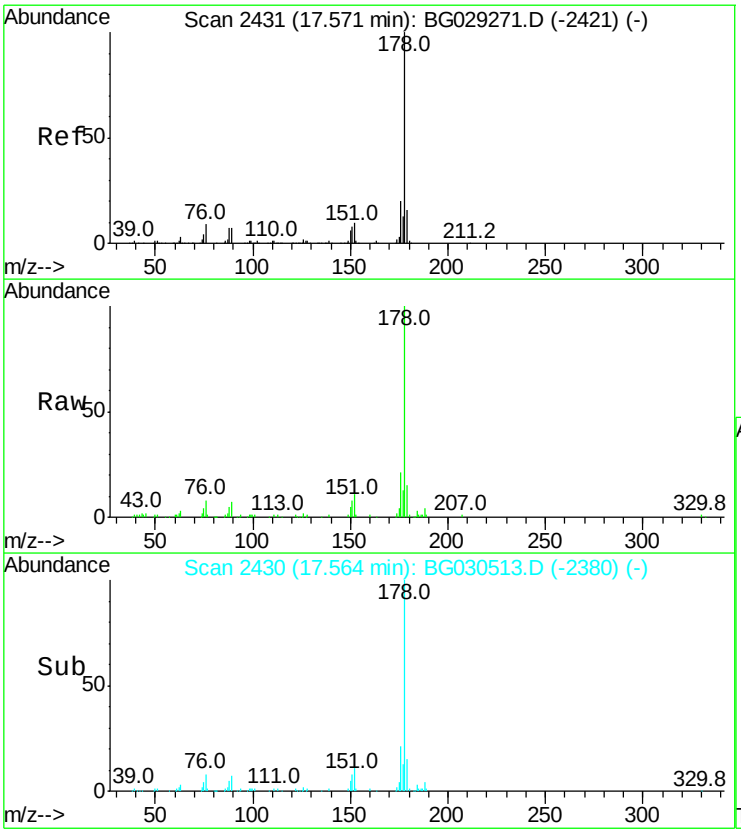
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 527452

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.0	7.7	11.5

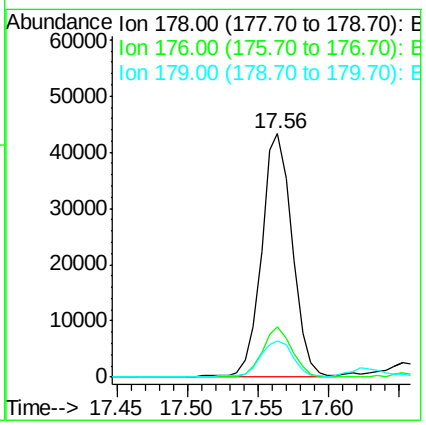


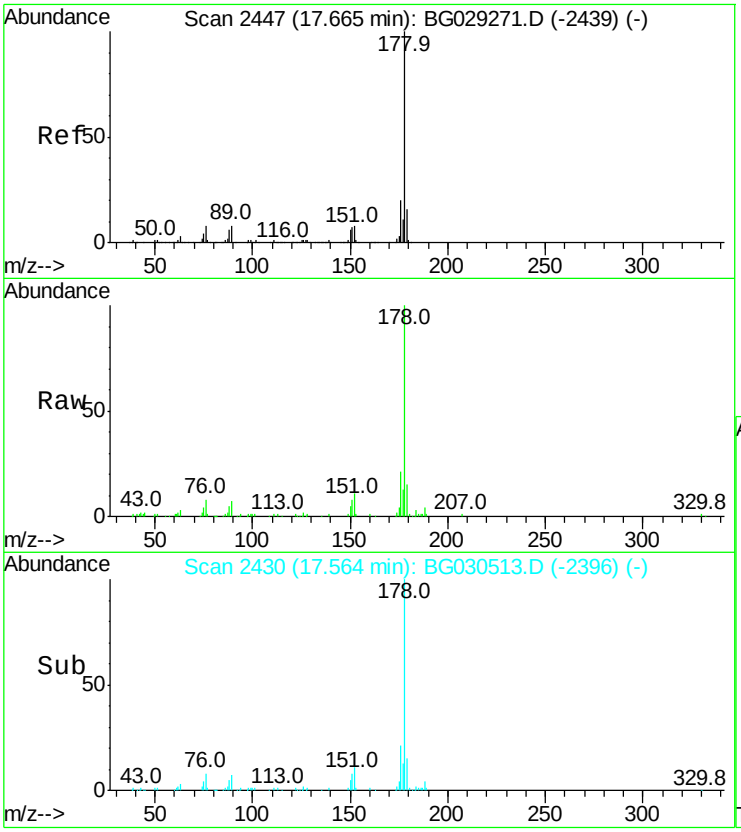


#70
Phenanthrene
Concen: 2.430 ng
RT: 17.56 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion:178 Resp: 66224

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	15.0	12.5	18.7



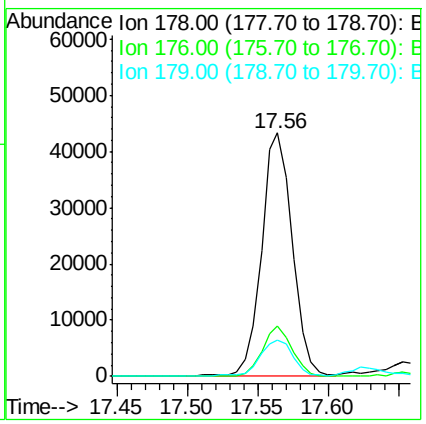


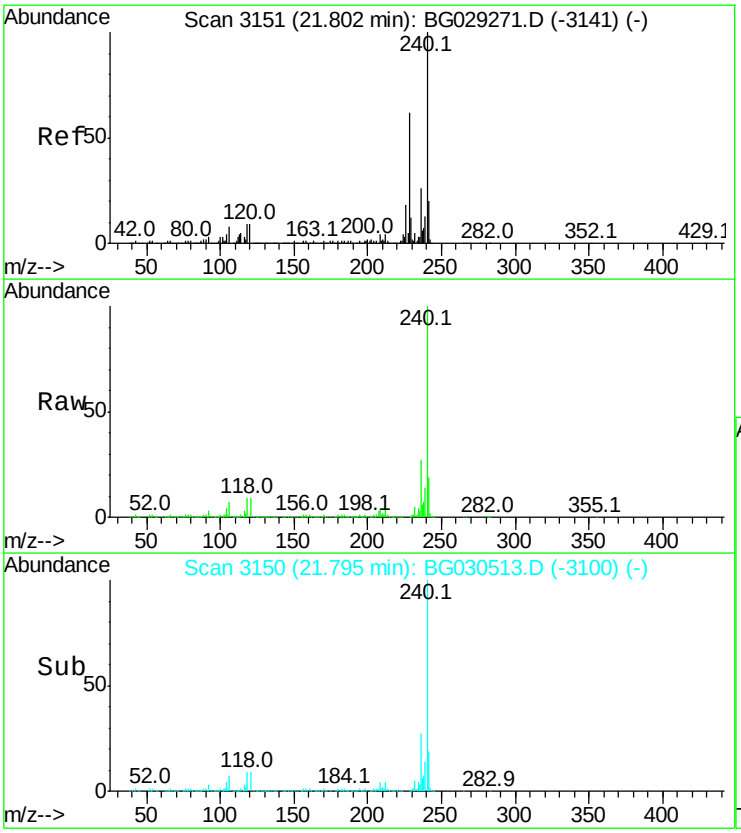
#71
Anthracene
Concen: 2.420 ng
RT: 17.56 min Scan# 2430
Delta R.T. -0.10 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 66224

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.0	24.0
179	15.0	12.5	18.7

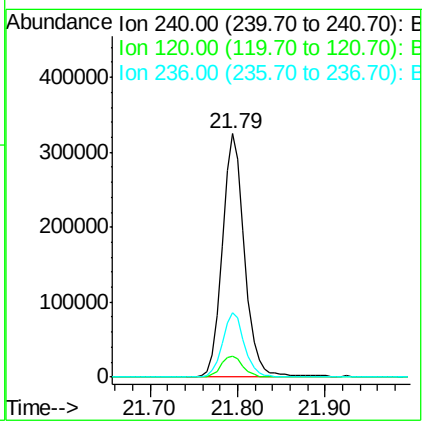


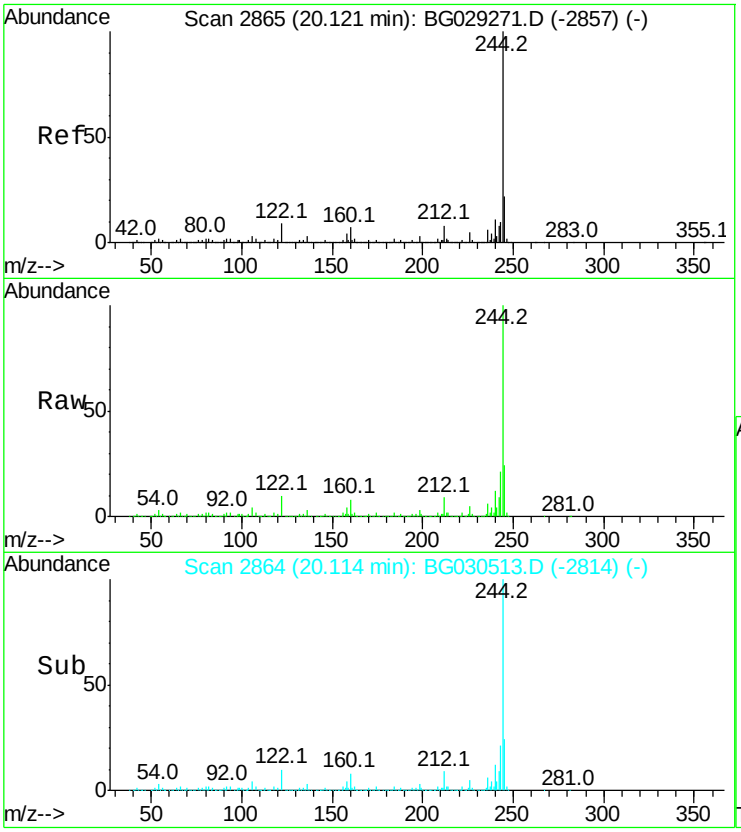


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion:240 Resp: 566257

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.8	10.2
236	26.7	20.9	31.3



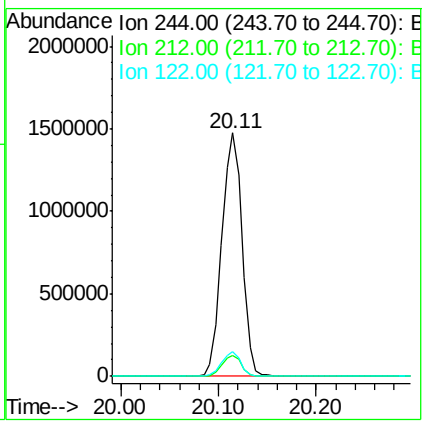


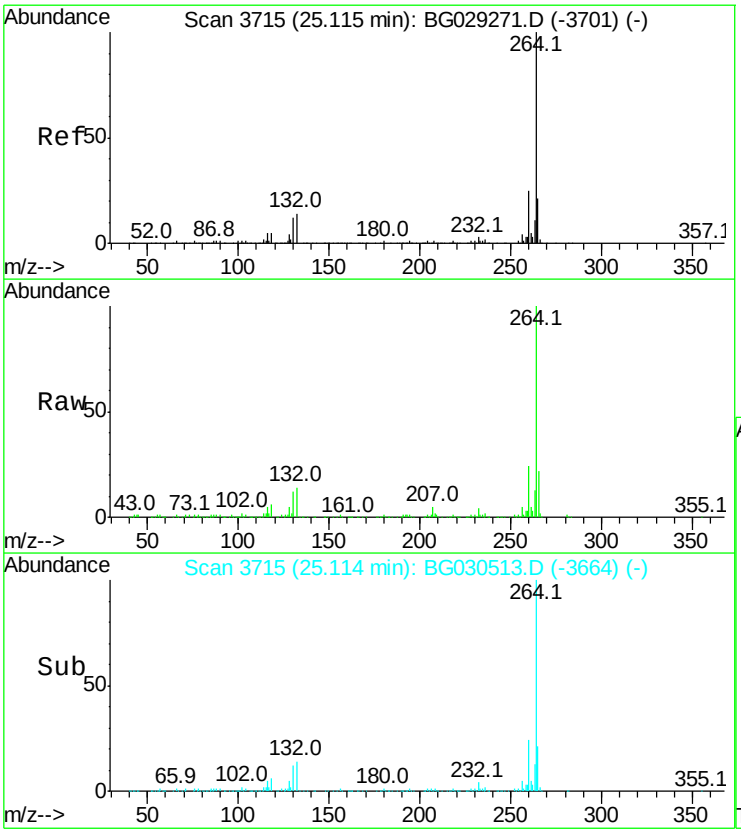
#78
Terphenyl-d14
Concen: 85.563 ng
RT: 20.11 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2129754

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	10.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3715
Delta R.T. -0.00 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion:264 Resp: 546579

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.6	17.7	26.5