Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022179.D
Acq On : 6 Jun 2016 21:46
Operator : UM/SJ
Sample : H3404-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1-19-20

Quant Time: Jun 07 03:22:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27195	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	118309	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	75764	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	181113	20.00	ng		0.00
75) Chrysene-d12	21.77	240	195253	20.00	ng		0.00
86) Perylene-d12	25.06	264	187270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	168449	119.76	ng		0.00
7) Phenol-d6	7.28	99	237811	107.54	ng		0.00
23) Nitrobenzene-d5	9.29	82	117887	69.47	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	89807	104.90	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	347105	69.82	ng		0.00
78) Terphenyl-d14	20.09	244	597033	72.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	130	0.19	ng	#	29
9) Benzaldehyde	7.27	77	212	0.17	ng	#	7
10) Phenol	7.30	94	832	0.36	ng	#	1
15) Benzyl Alcohol	8.45	79	1555	1.09	ng	#	52
24) Nitrobenzene	9.29	77	56	0.03	ng	#	43
25) Isophorone	9.83	82	390	0.10	ng	#	67
45) 1,1'-Biphenyl	13.38	154	468	0.08	ng	#	1
49) Dimethylphthalate	14.19	163	40653	6.47	ng		99
50) 2,6-Dinitrotoluene	14.19	165	390	0.29	ng	#	39
51) Acenaphthene	14.77	154	114	0.02	ng	#	4
59) Diethylphthalate	15.54	149	71	0.01	ng	#	60
62) Azobenzene	16.23	77	326	0.06	ng	#	52
65) n-Nitrosodiphenylamine	16.24	169	3441	0.66	ng	#	40
70) Phenanthrene	17.53	178	61	0.01	ng	#	59
71) Anthracene	17.53	178	61	0.01	ng	#	61
73) Di-n-butylphthalate	18.43	149	1457	0.12	ng	#	78
74) Fluoranthene	19.54	202	61	0.01	ng		64
77) Pyrene	20.09	202	1875	0.15	ng	#	69
79) Butylbenzylphthalate	20.76	149	116	0.02	ng	#	23
80) Benzo(a)anthracene	21.76	228	1291	0.12	ng	#	51
82) Chrysene	21.81	228	526	0.05	ng	#	48
83) Bis(2-ethylhexyl)phthalate	21.62	149	439	0.05	ng	#	52
84) Di-n-octyl phthalate	22.86	149	393	0.03	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.88	276	53	0.00	ng	#	54
87) Benzo(b)fluoranthene	24.03	252	190	0.02	ng	#	60
88) Benzo(k)fluoranthene	24.09	252	167	0.02	ng	#	59
89) Benzo(a)pyrene	24.90	252	283	0.03	ng	#	60

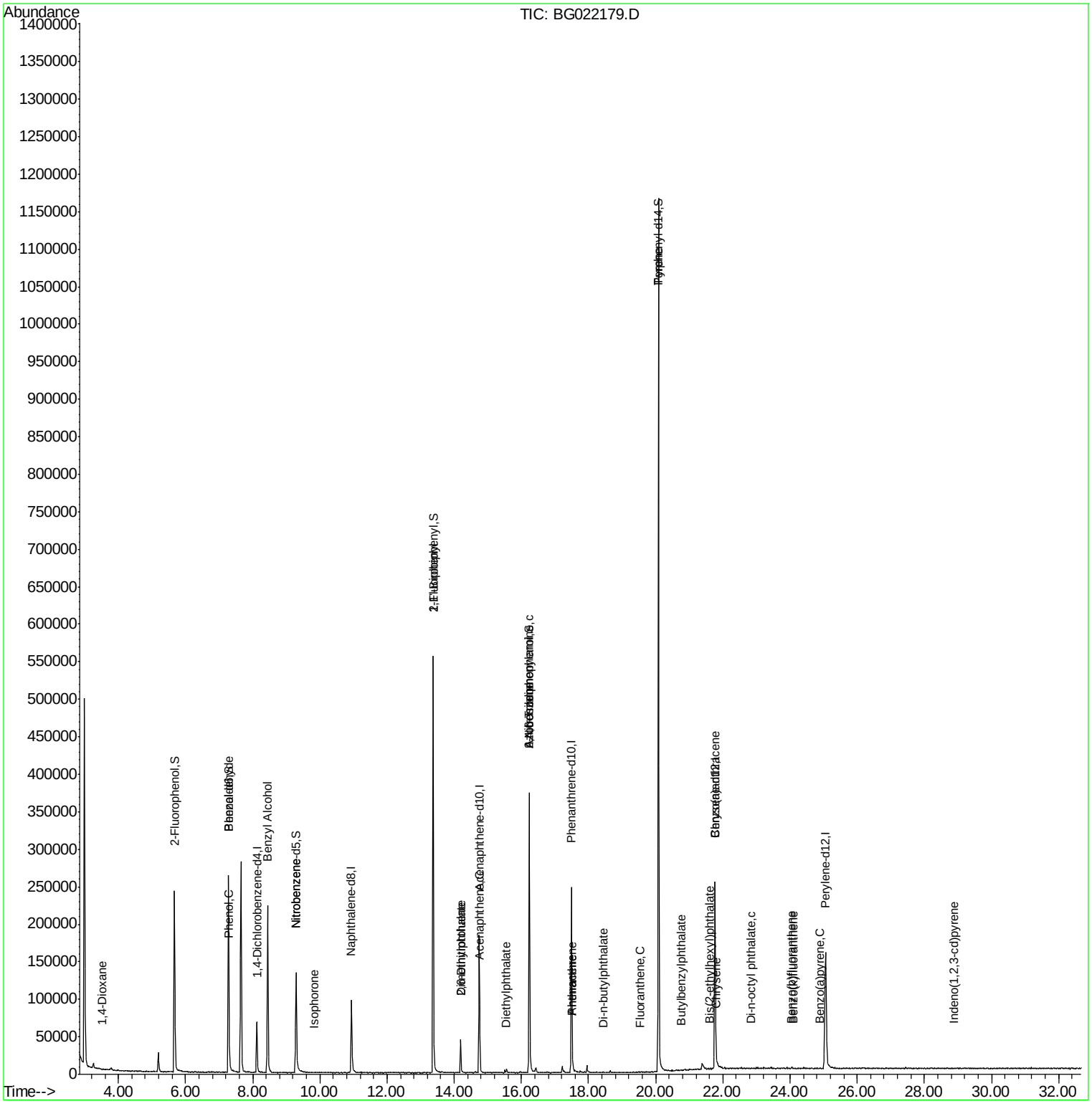
(#) = qualifier out of range (m) = manual integration (+) = signals summed

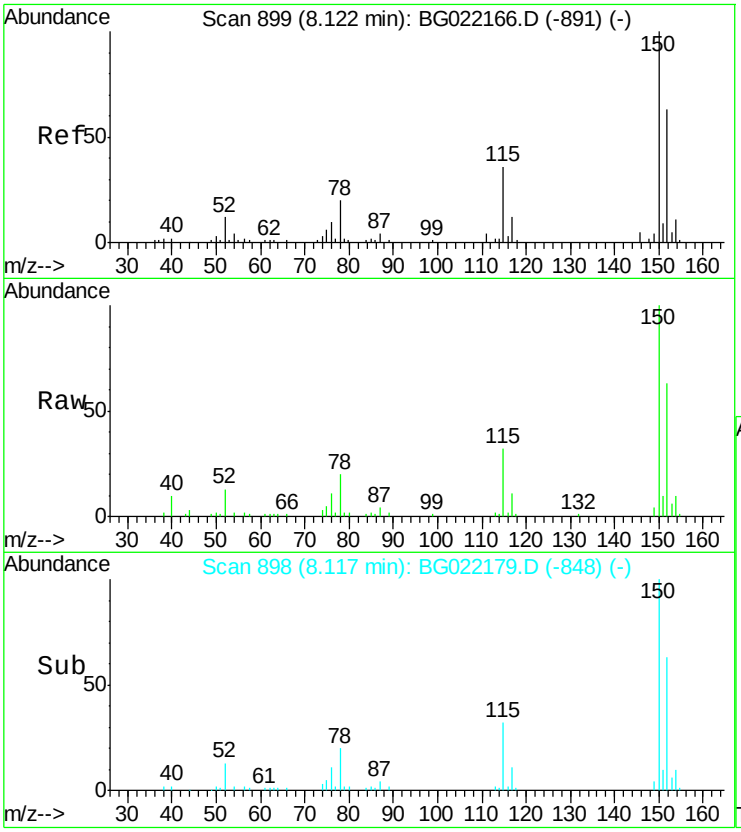
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022179.D
Acq On : 6 Jun 2016 21:46
Operator : UM/SJ
Sample : H3404-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Quant Time: Jun 07 03:22:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration



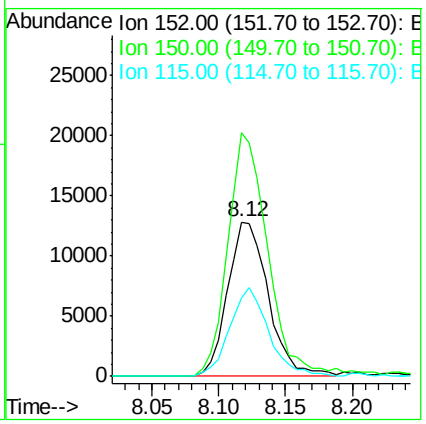


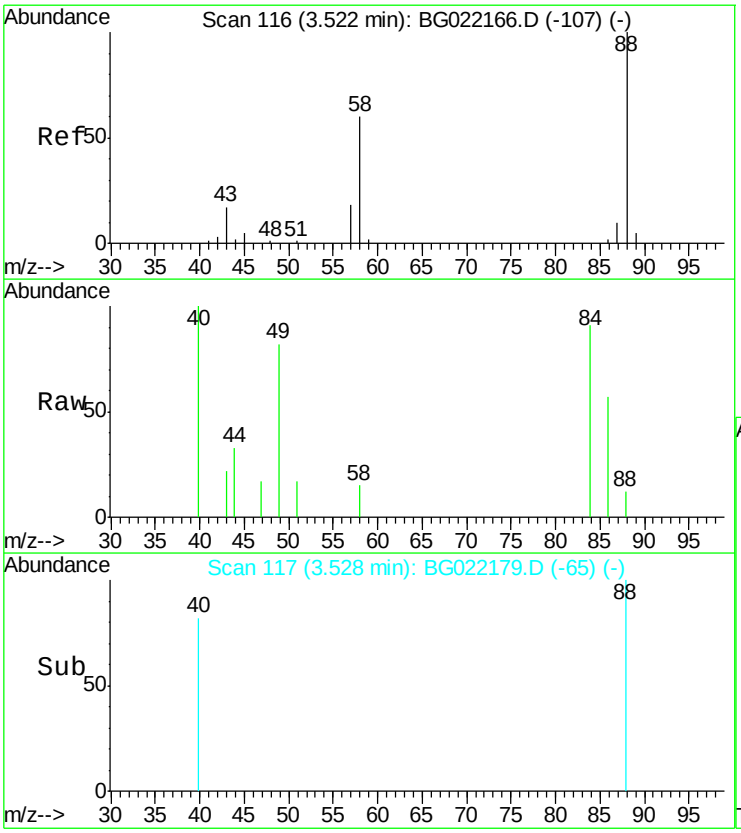
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:152 Resp: 27195

Ion	Ratio	Lower	Upper
152	100		
150	157.9	130.1	195.1
115	50.7	62.2	93.2#

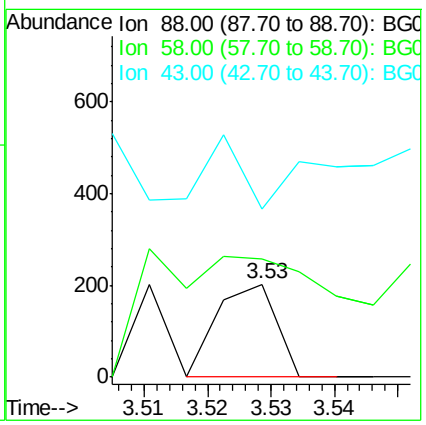


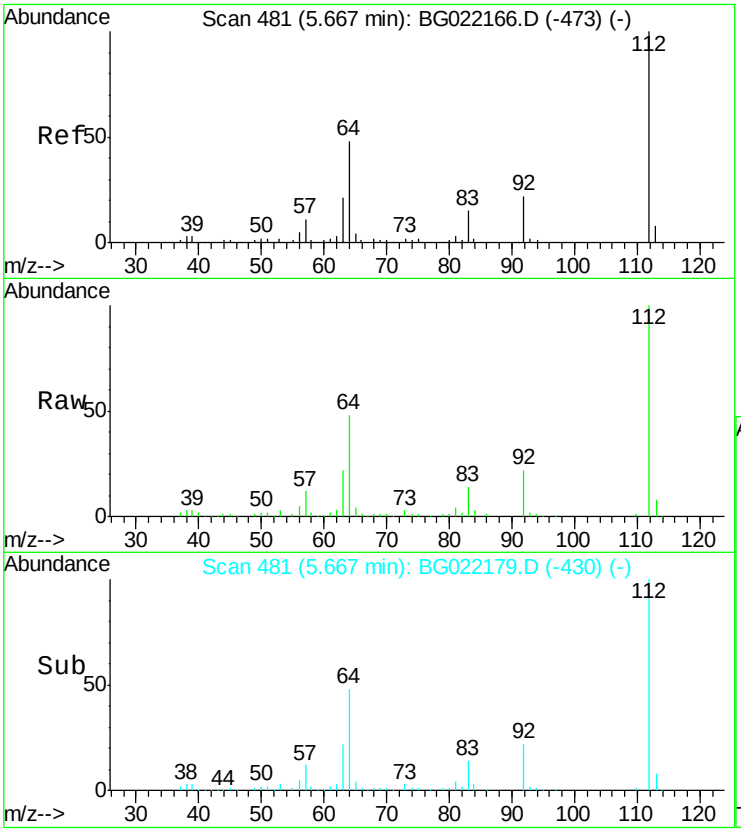


#2
1,4-Dioxane
Concen: 0.19 ng
RT: 3.53 min Scan# 117
Delta R.T. 0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion: 88 Resp: 130

Ion	Ratio	Lower	Upper
88	100		
58	0.0	36.8	55.2#
43	43.8	10.4	15.6#



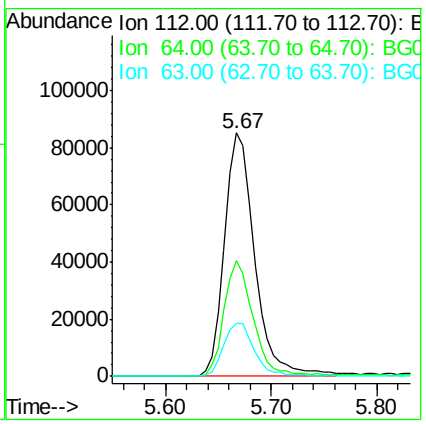


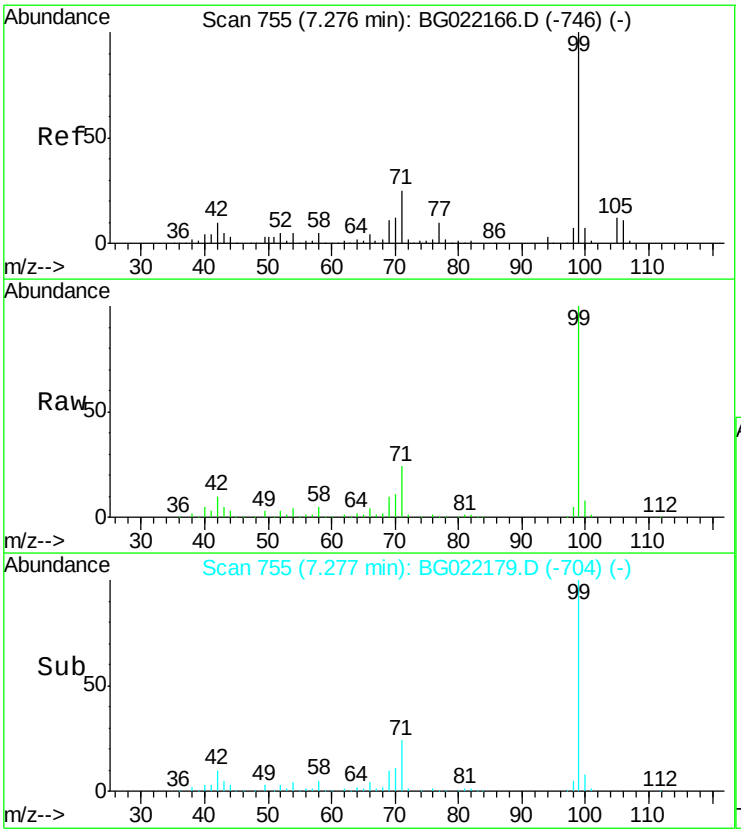
#5
2-Fluorophenol
Concen: 119.76 ng
RT: 5.67 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:112 Resp: 168449

Ion	Ratio	Lower	Upper
112	100		
64	47.7	51.1	76.7#
63	21.8	24.6	37.0#

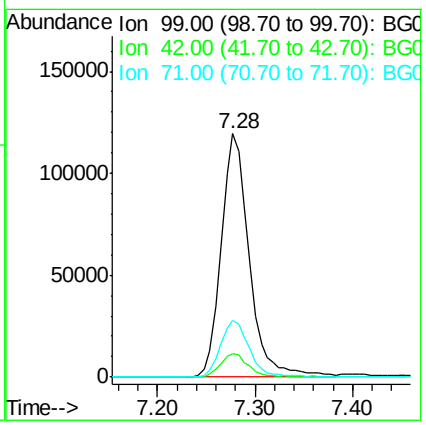


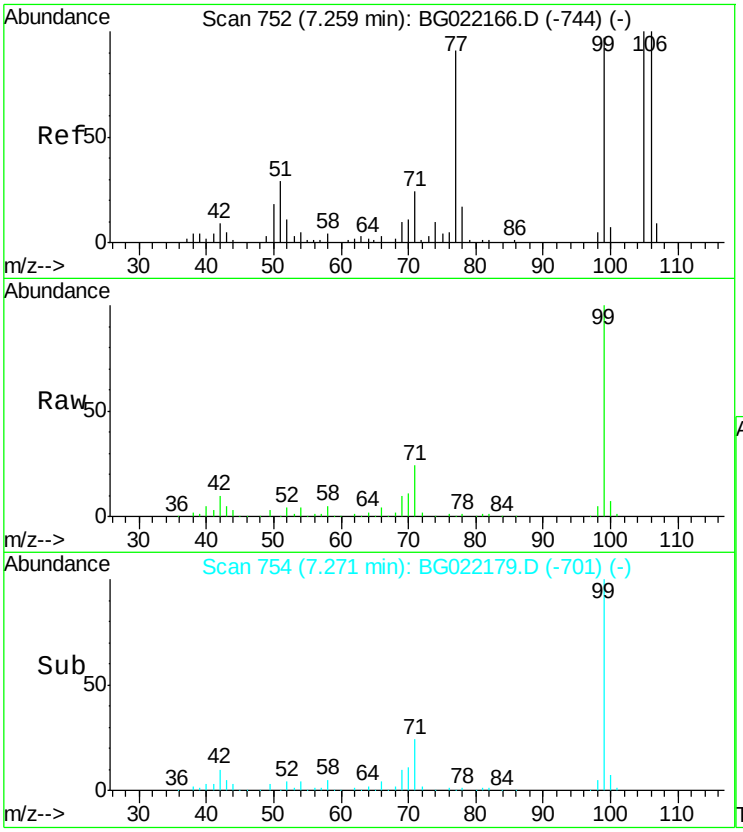


#7
Phenol-d6
Concen: 107.54 ng
RT: 7.28 min Scan# 755
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion: 99 Resp: 237811

Ion	Ratio	Lower	Upper
99	100		
42	9.6	16.4	24.6#
71	23.5	25.0	37.4#



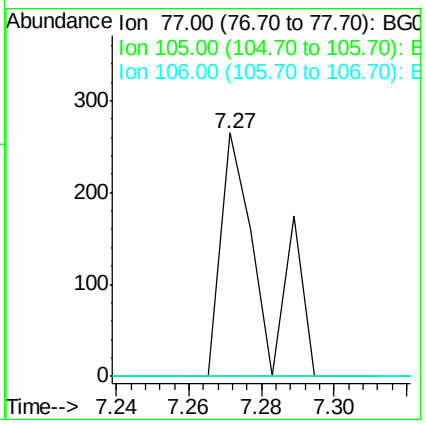


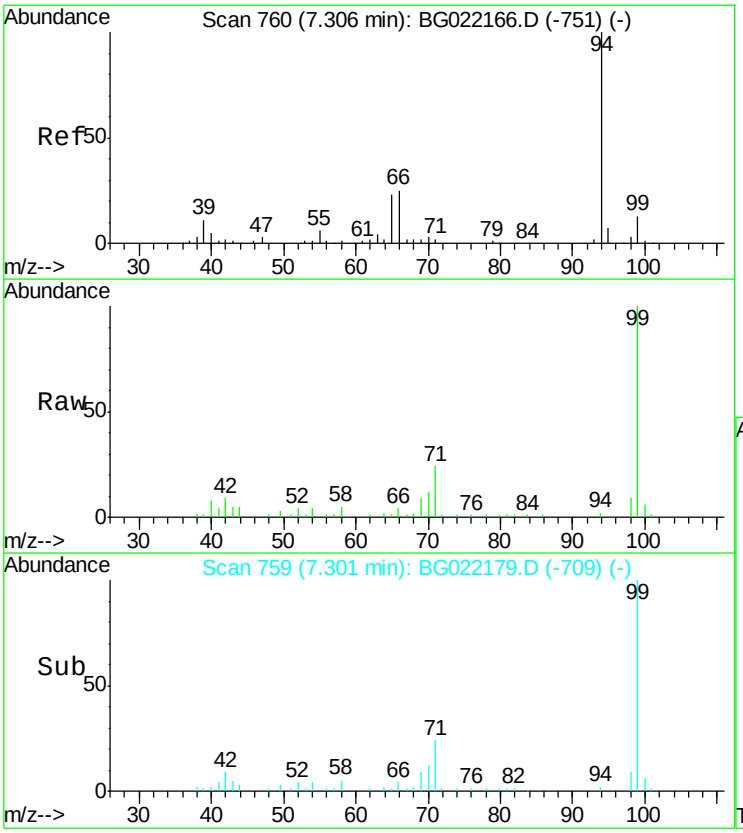
#9
Benzaldehyde
Concen: 0.17 ng
RT: 7.27 min Scan# 754
Delta R.T. 0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion: 77 Resp: 212

Ion	Ratio	Lower	Upper
77	100		
105	0.0	62.1	102.1#
106	0.0	65.6	105.6#

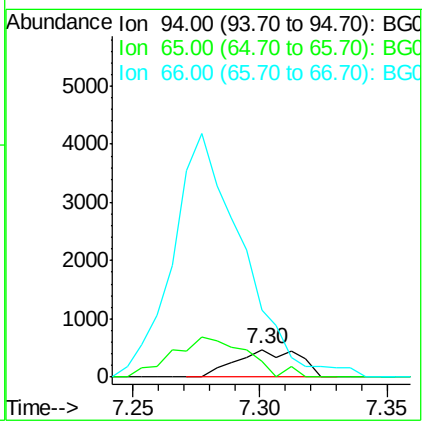


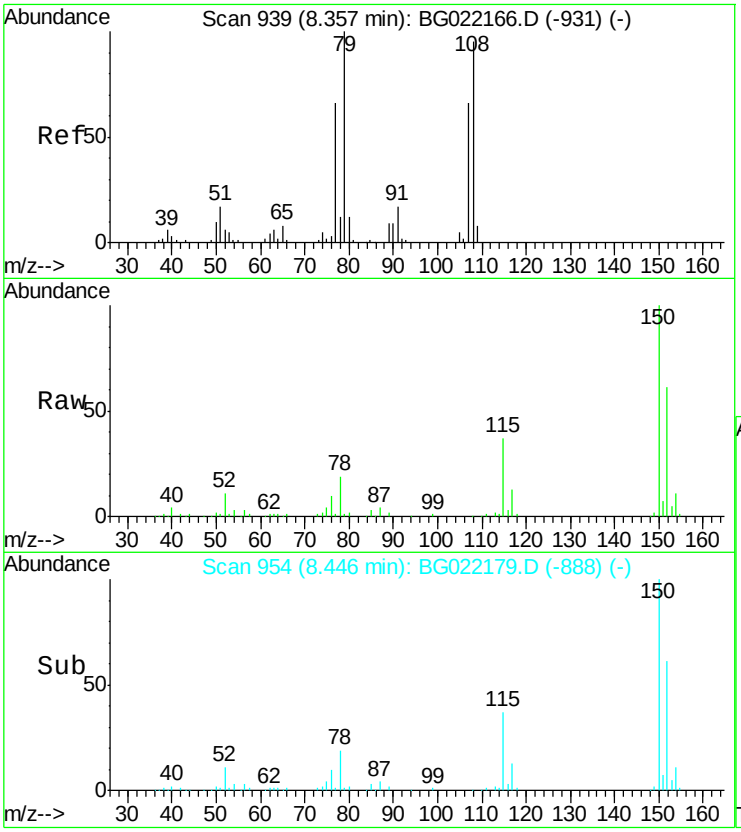


#10
Phenol
Concen: 0.36 ng
RT: 7.30 min Scan# 759
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion: 94 Resp: 832

Ion	Ratio	Lower	Upper
94	100		
65	56.5	9.8	49.8#
66	241.3	20.8	60.8#



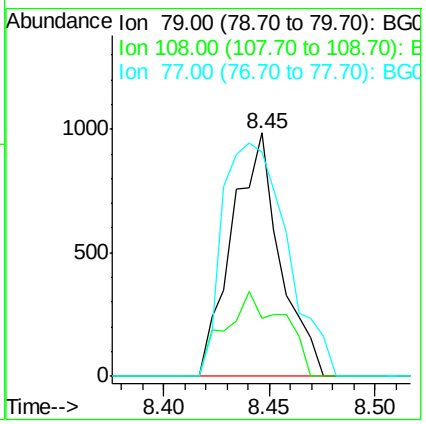


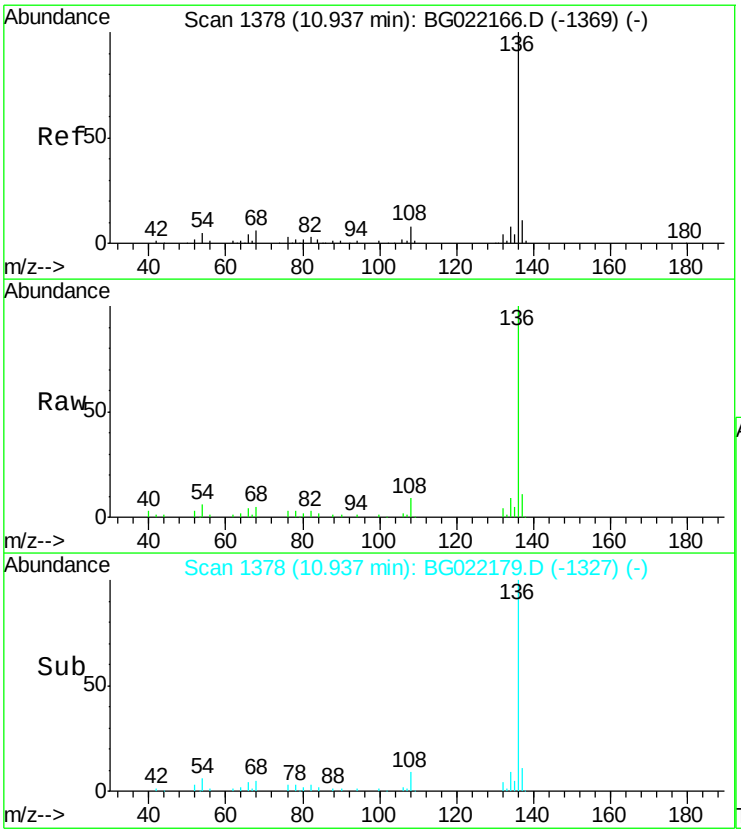
#15
Benzyl Alcohol
Concen: 1.09 ng
RT: 8.45 min Scan# 954
Delta R.T. 0.09 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion: 79 Resp: 1555

Ion	Ratio	Lower	Upper
79	100		
108	23.7	59.4	89.0#
77	91.9	52.2	78.2#

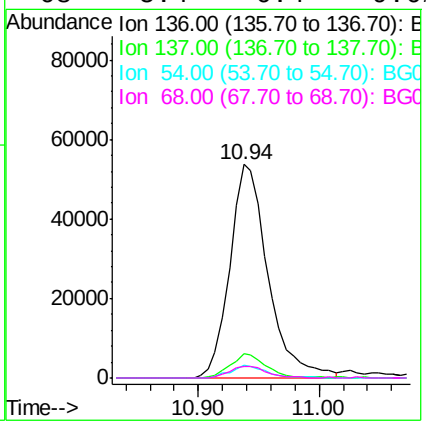


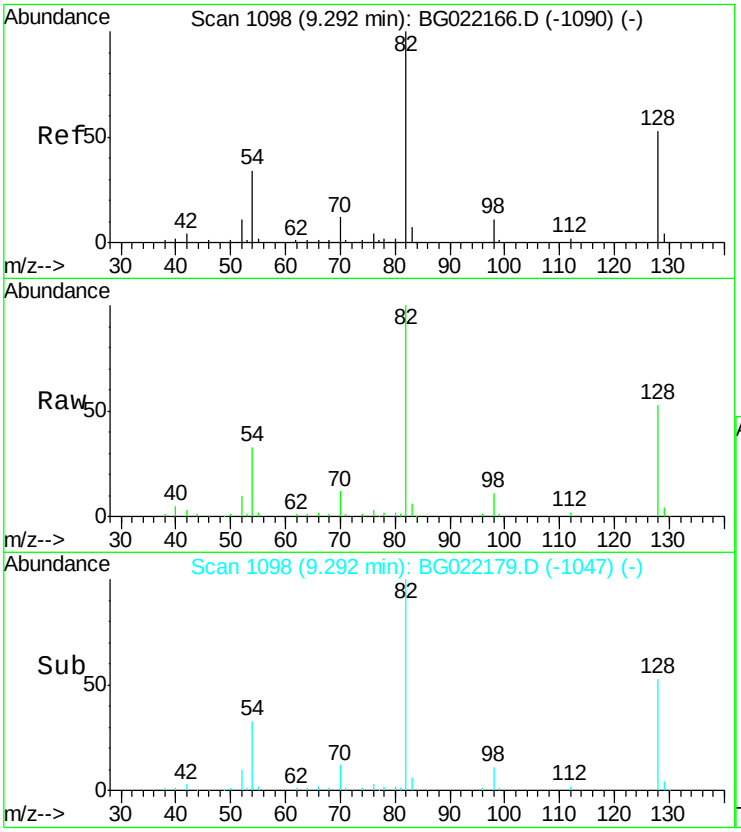


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:136 Resp: 118309

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.2	9.6	14.4#
68	5.4	6.4	9.6#



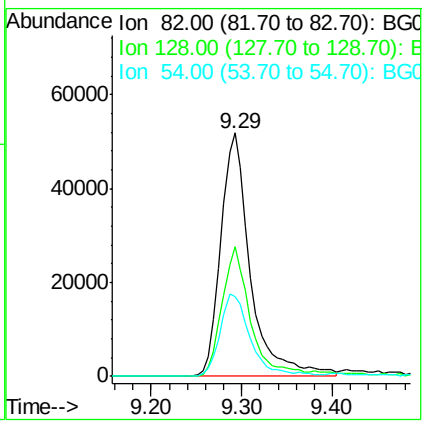


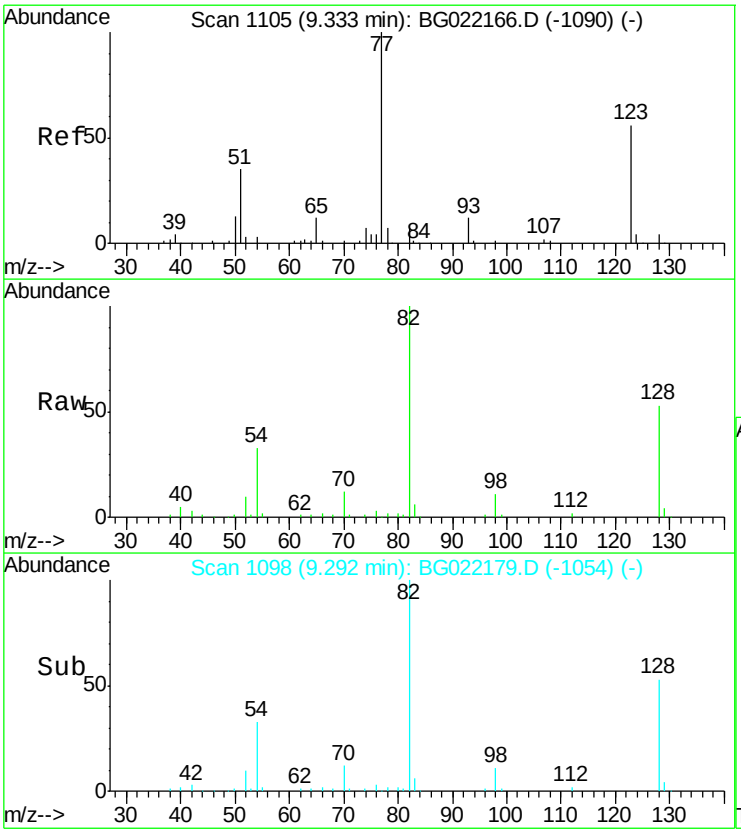
#23
Nitrobenzene-d5
Concen: 69.47 ng
RT: 9.29 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion: 82 Resp: 117887

Ion	Ratio	Lower	Upper
82	100		
128	53.4	33.4	50.0#
54	32.9	46.1	69.1#

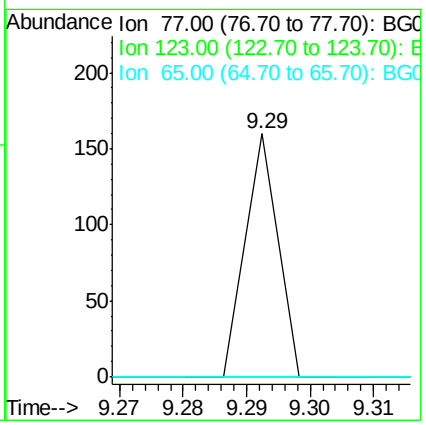


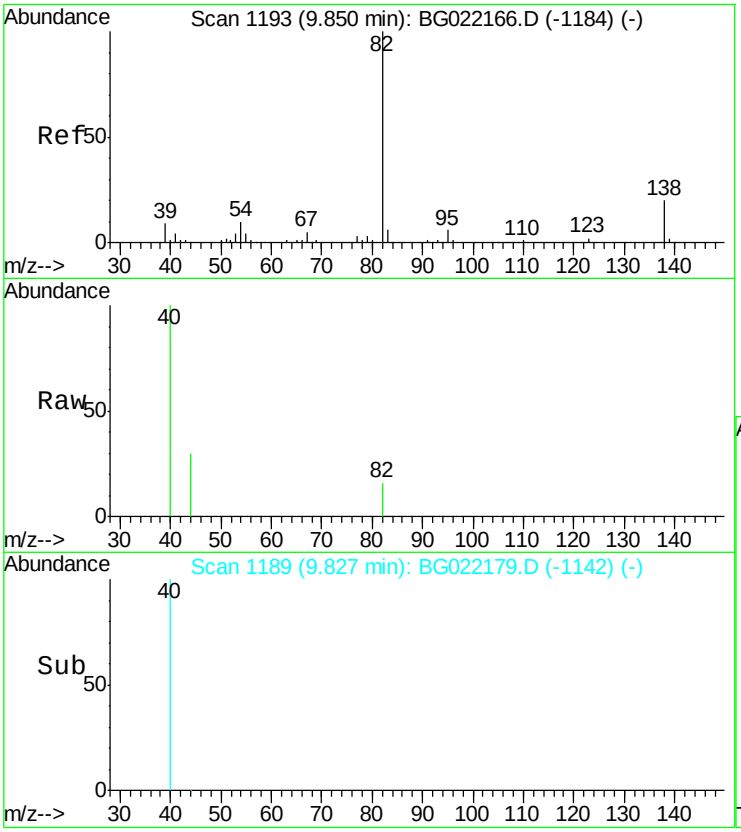


#24
Nitrobenzene
Concen: 0.03 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.04 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion: 77 Resp: 56

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.2	48.4#
65	0.0	10.3	15.5#



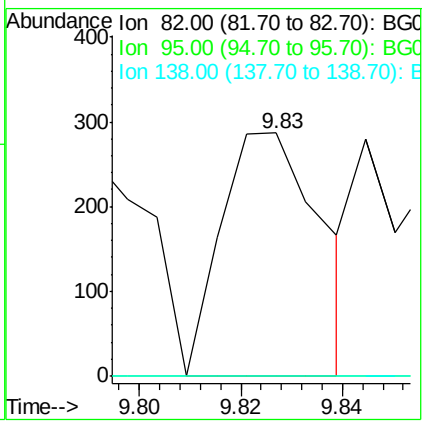


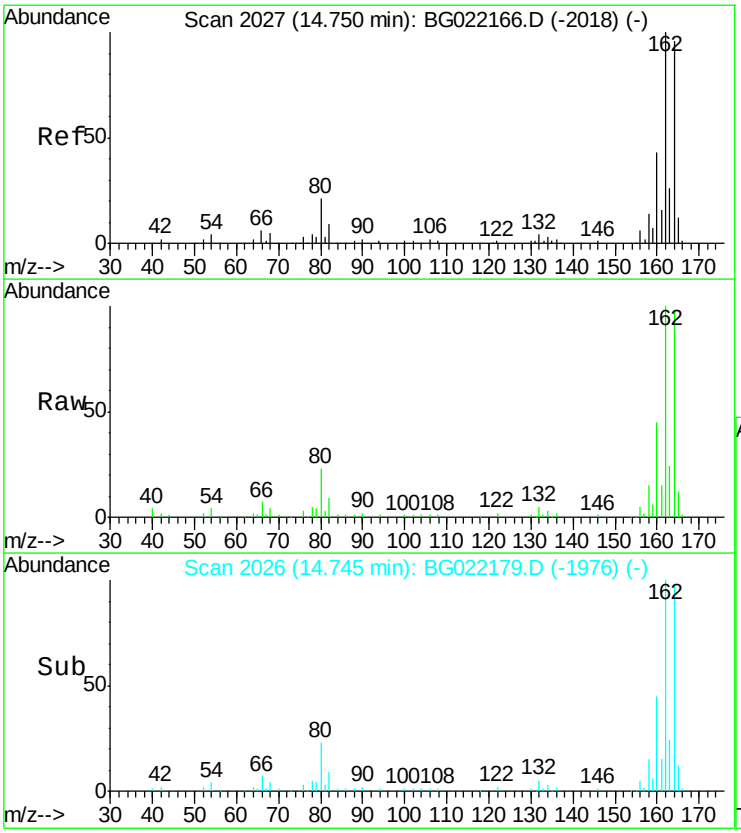
#25
Isophorone
Concen: 0.10 ng
RT: 9.83 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion: 82 Resp: 390

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.4	20.0#

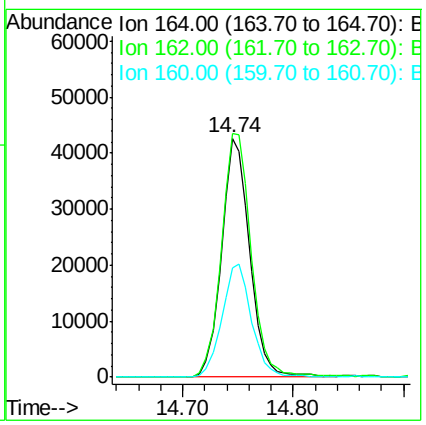


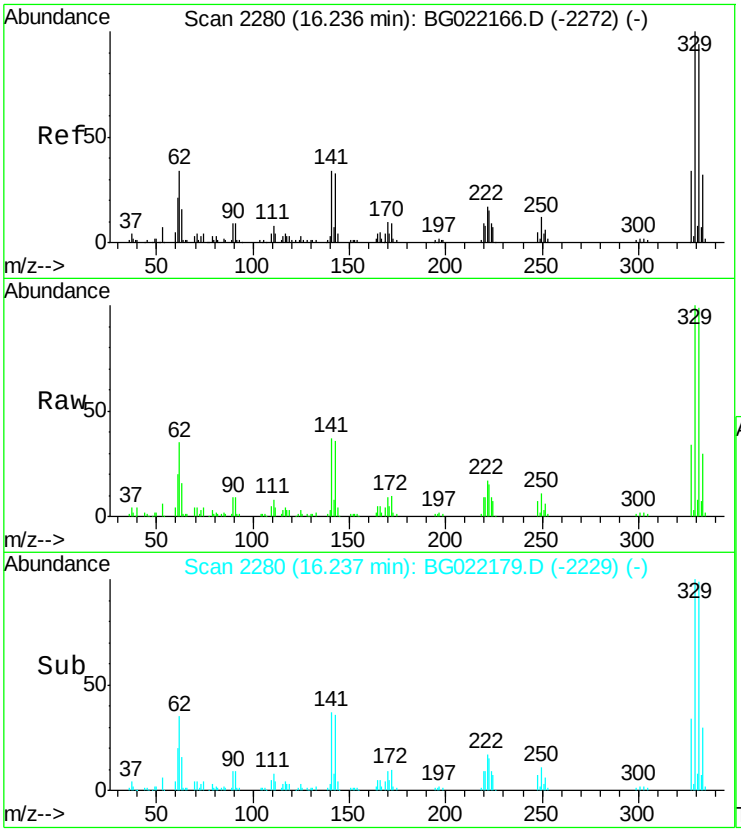


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:164 Resp: 75764

Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.0	117.0
160	45.6	32.9	49.3



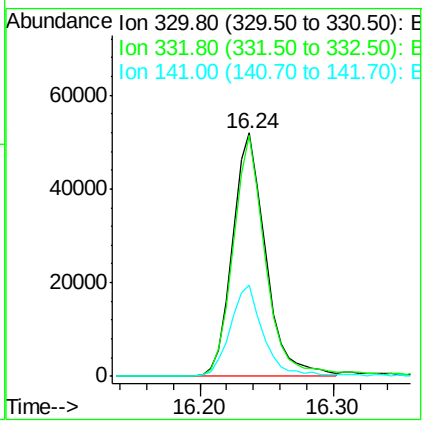


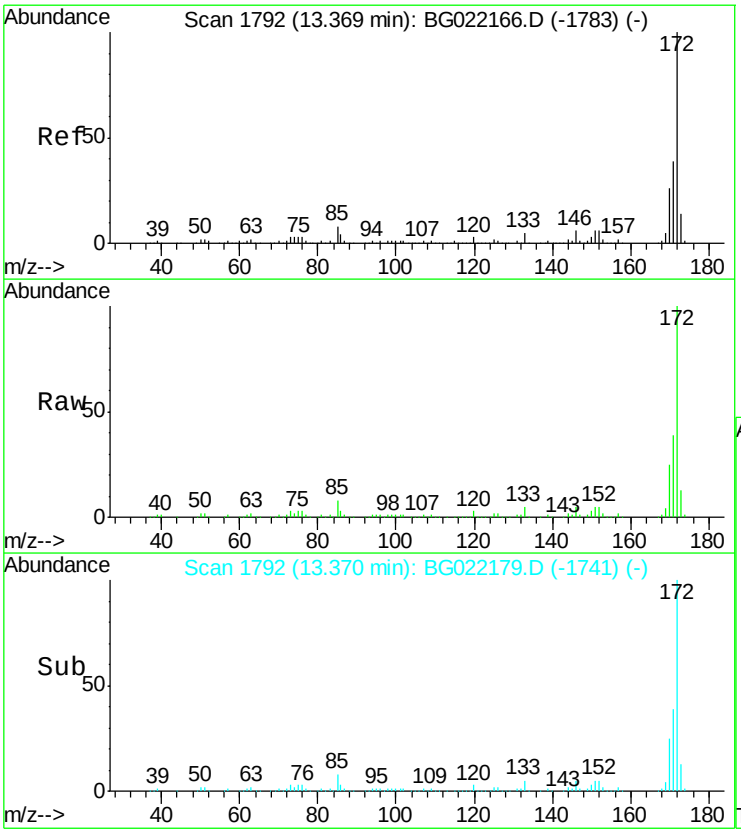
#41
2,4,6-Tribromophenol
Concen: 104.90 ng
RT: 16.24 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:330 Resp: 89807

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	37.1	33.8	50.8

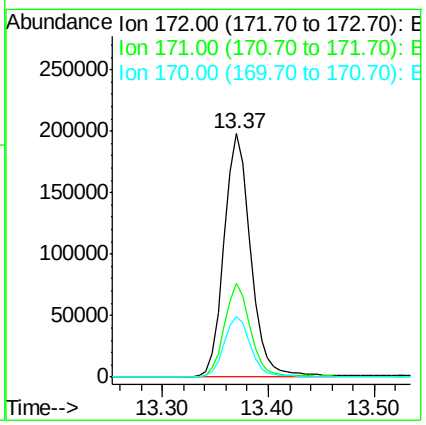


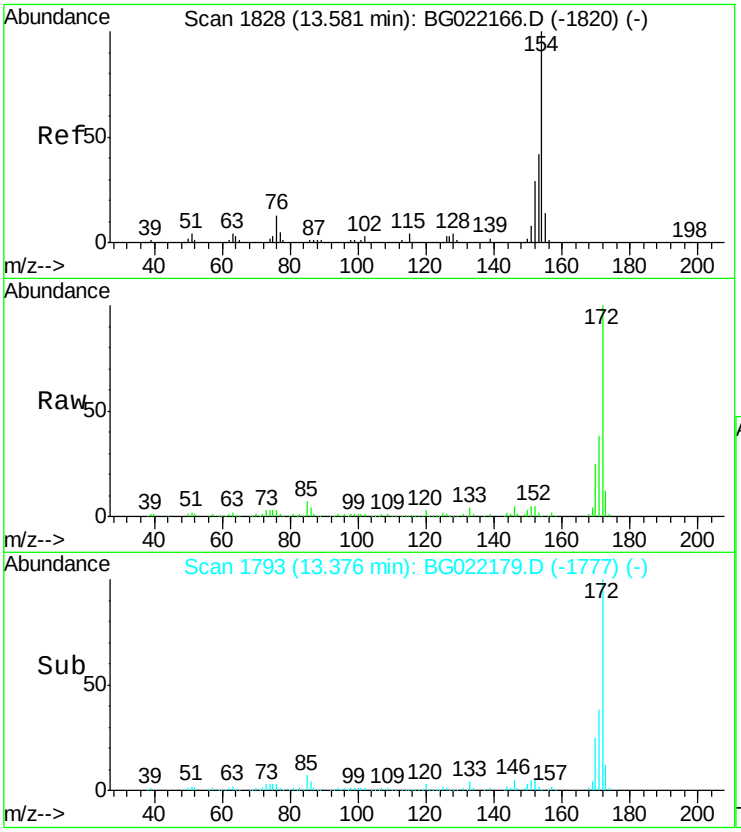


#44
2-Fluorobiphenyl
Concen: 69.82 ng
RT: 13.37 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:172 Resp: 347105

Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.8	41.6
170	25.0	19.6	29.4



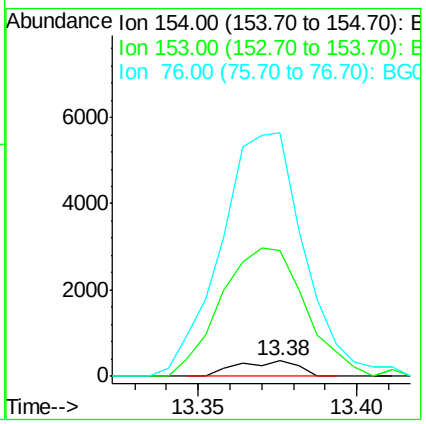


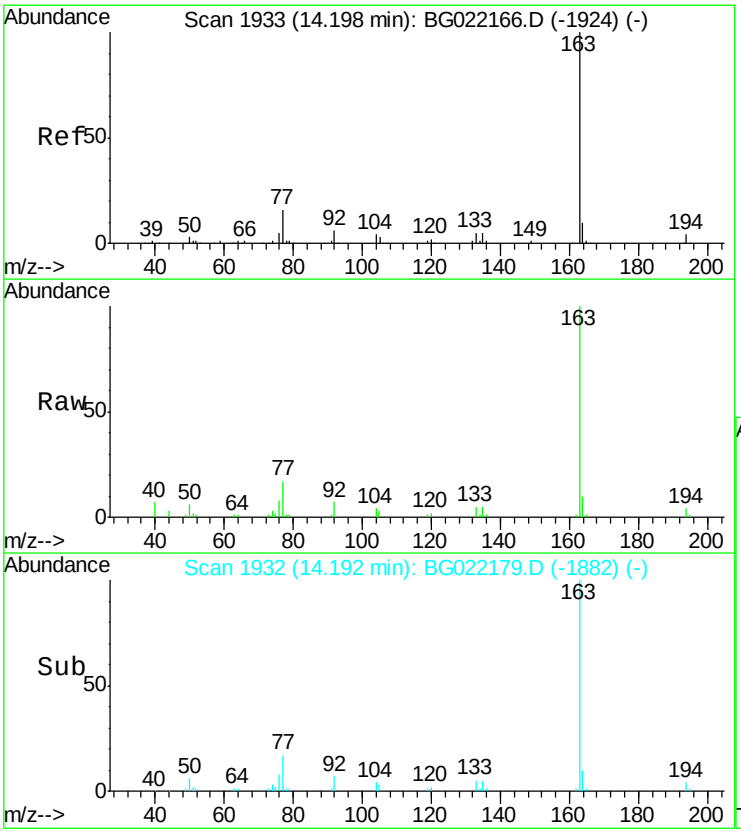
#45
1,1'-Biphenyl
Concen: 0.08 ng
RT: 13.38 min Scan# 1793
Delta R.T. -0.20 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:154 Resp: 468

Ion	Ratio	Lower	Upper
154	100		
153	827.8	19.7	59.7#
76	1603.1	0.0	33.0#

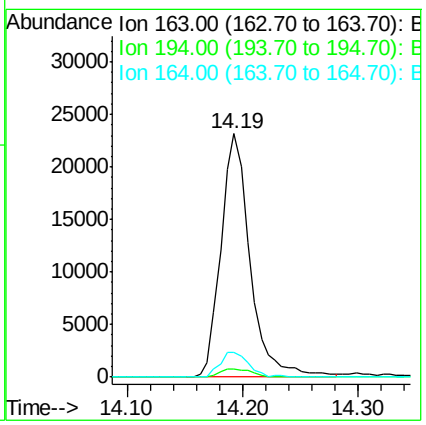


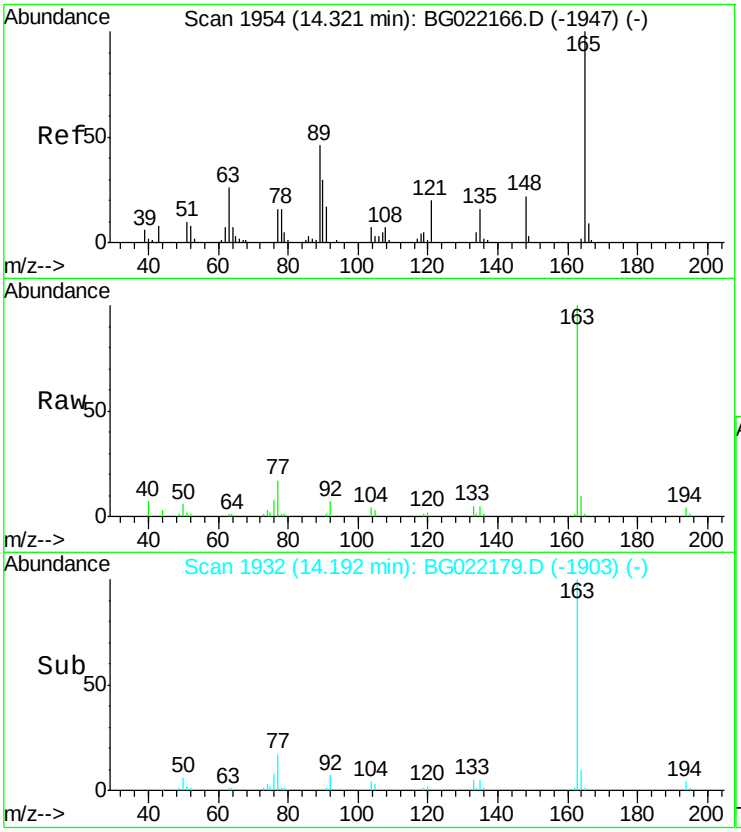


#49
Dimethylphthalate
Concen: 6.47 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:163 Resp: 40653

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	9.9	8.1	12.1



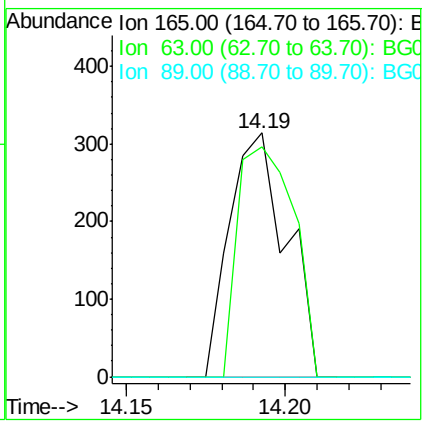


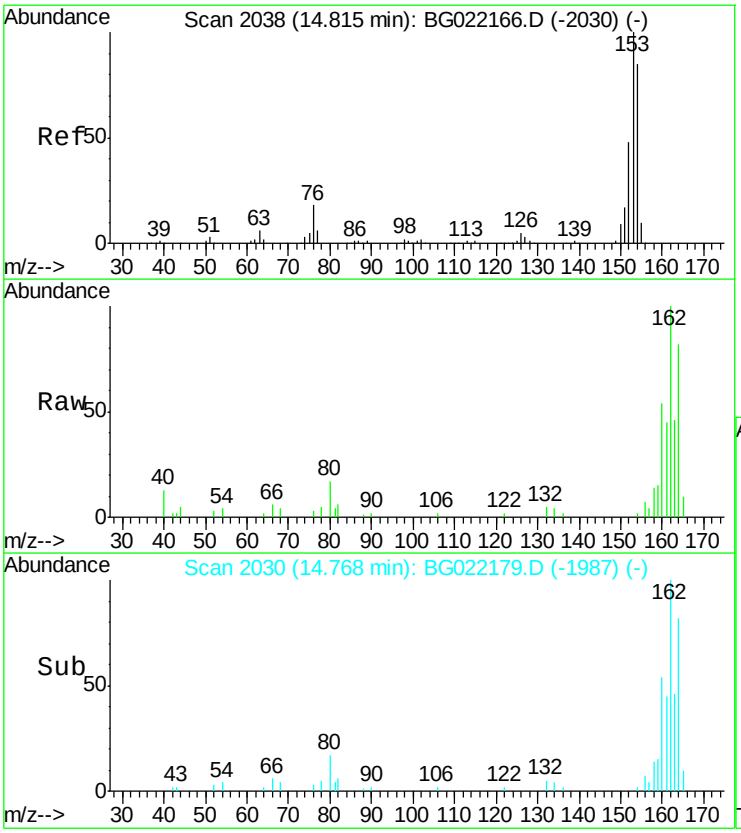
#50
2,6-Dinitrotoluene
Concen: 0.29 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.13 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:165 Resp: 390

Ion	Ratio	Lower	Upper
165	100		
63	94.6	48.2	72.4#
89	0.0	45.3	67.9#

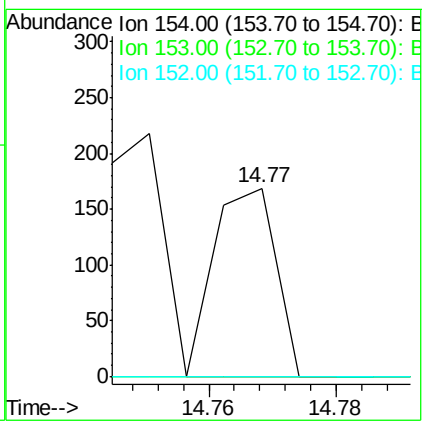


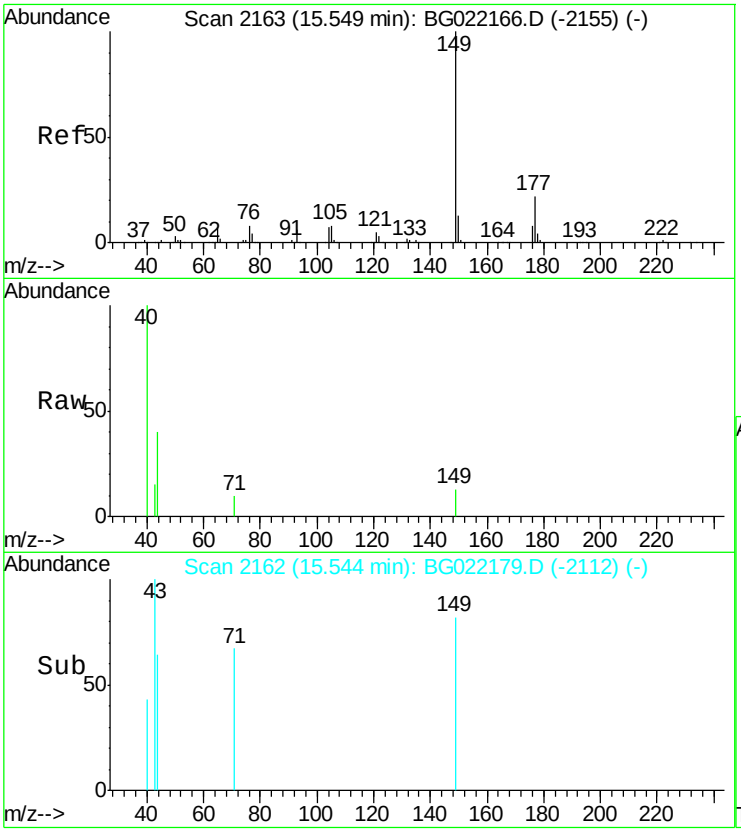


#51
Acenaphthene
Concen: 0.02 ng
RT: 14.77 min Scan# 2030
Delta R.T. -0.05 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:154 Resp: 114

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.9	137.9#
152	0.0	42.0	63.0#



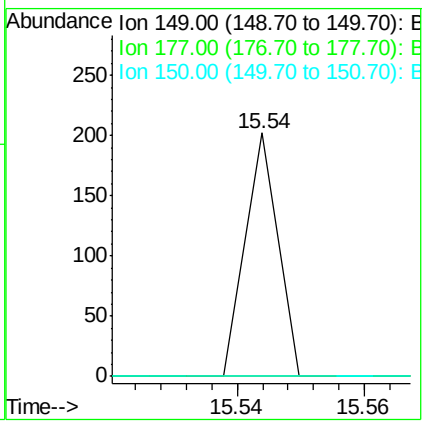


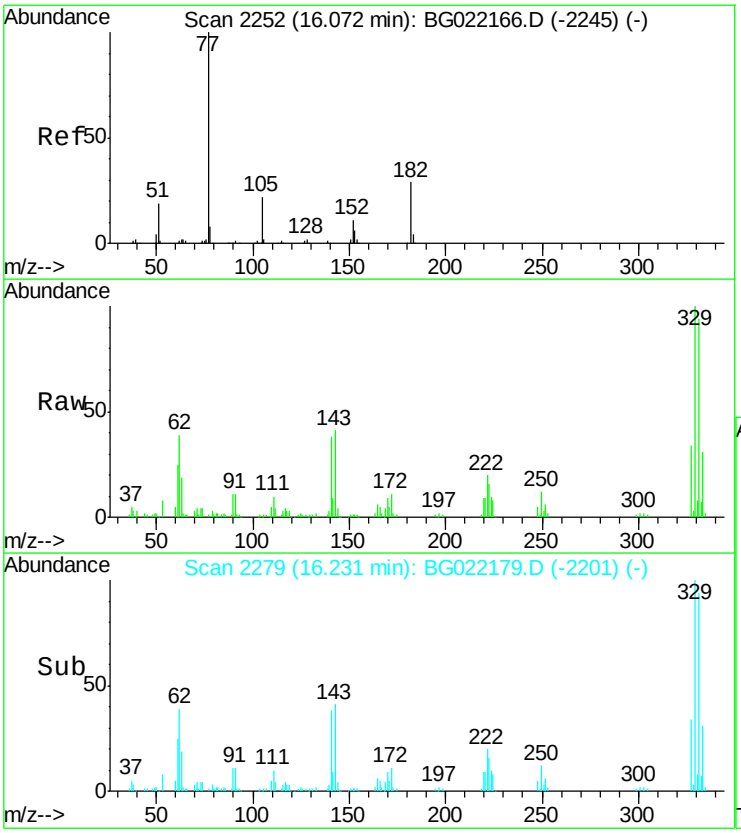
#59
Diethylphthalate
Concen: 0.01 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:149 Resp: 71

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.3	25.9#
150	0.0	9.7	14.5#

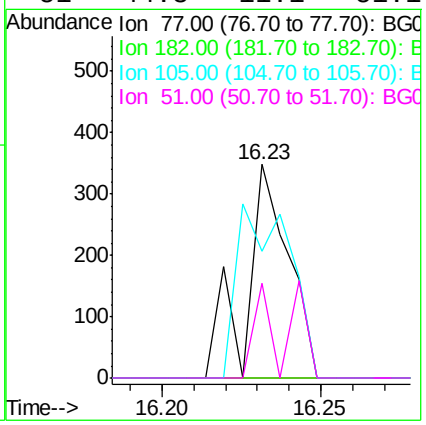


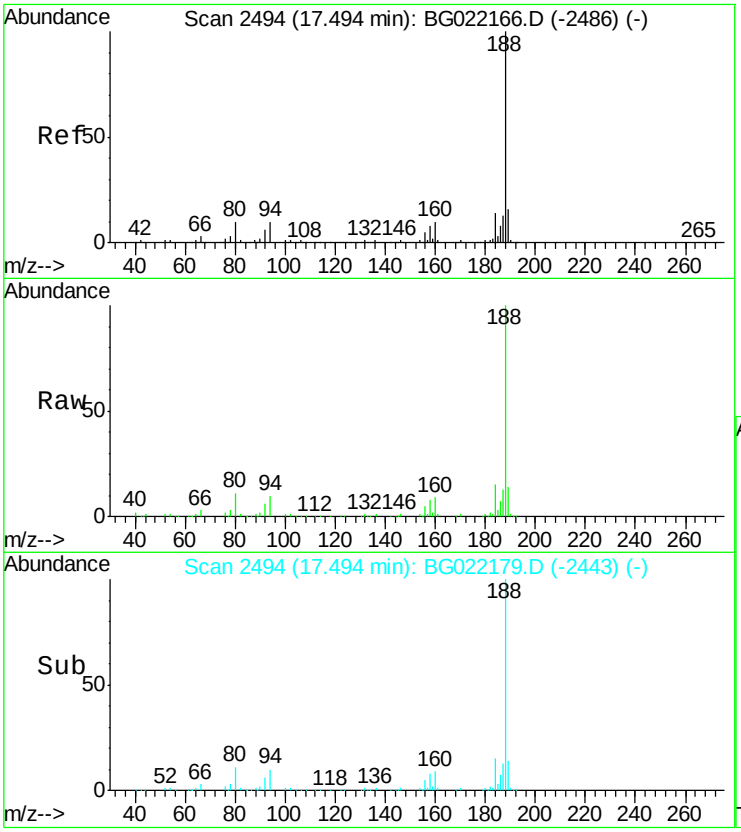


#62
Azobenzene
Concen: 0.06 ng
RT: 16.23 min Scan# 2279
Delta R.T. 0.16 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion: 77 Resp: 326

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.1	44.1#
105	59.2	0.0	39.8#
51	44.3	11.1	51.1



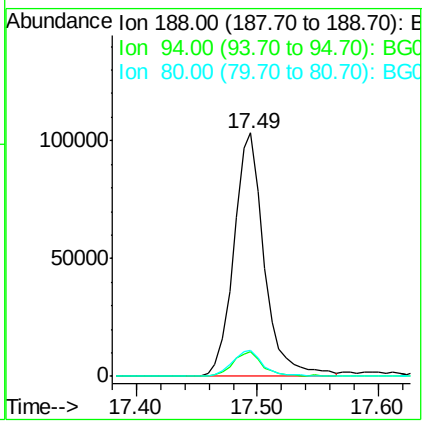


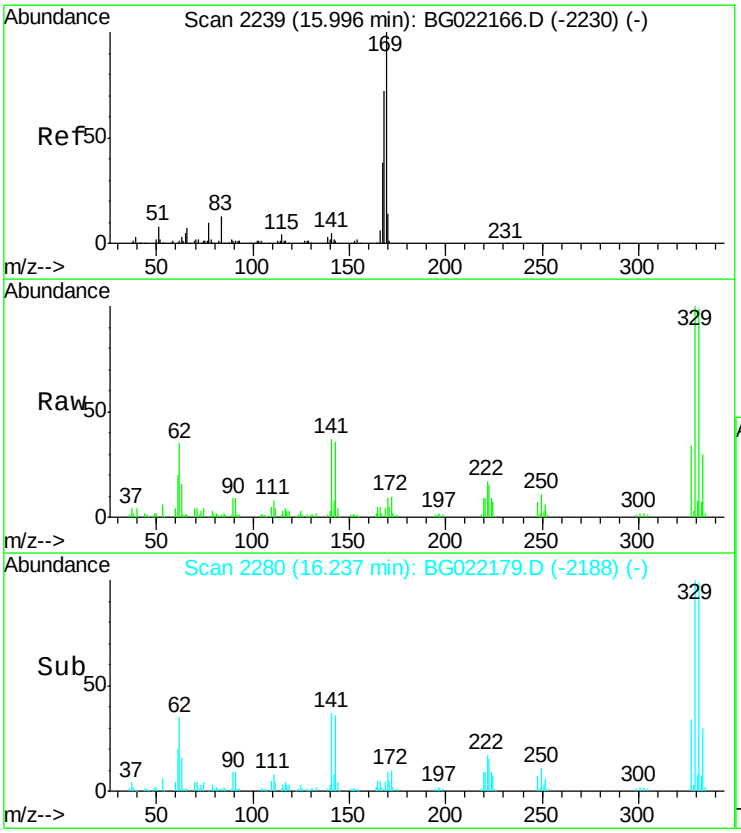
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:188 Resp: 181113

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.5	11.3
80	10.5	8.6	13.0

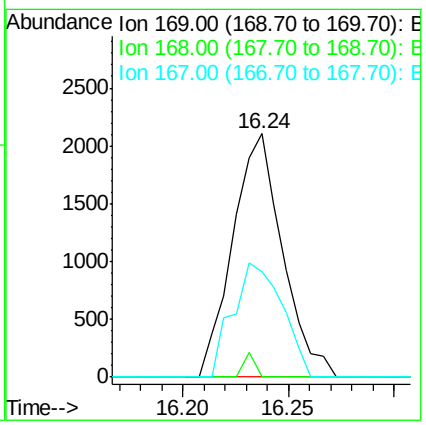


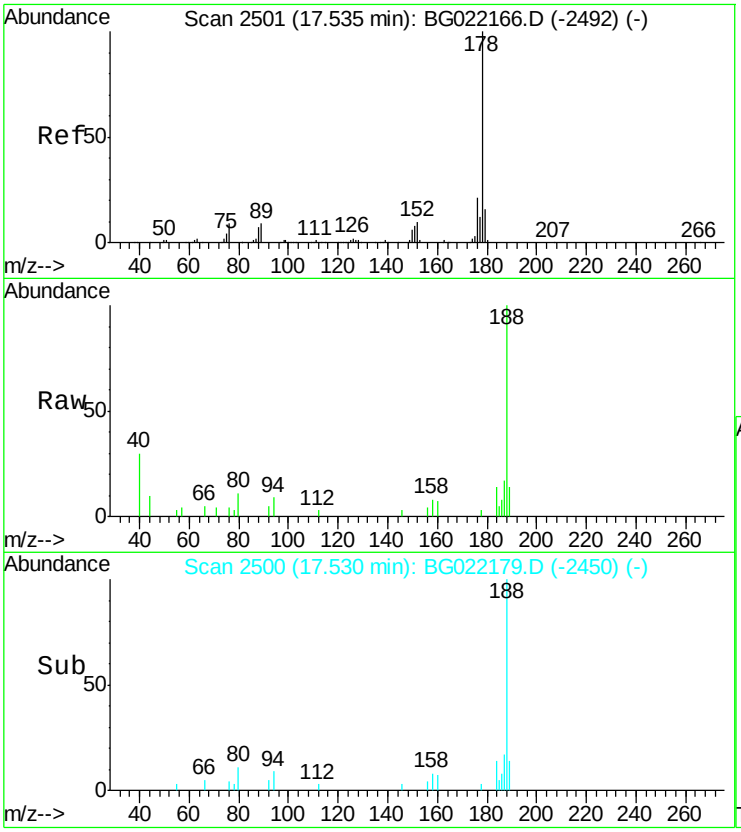


#65
n-Nitrosodiphenylamine
Concen: 0.66 ng
RT: 16.24 min Scan# 2280
Delta R.T. 0.24 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:169 Resp: 3441

Ion	Ratio	Lower	Upper
169	100		
168	0.0	59.6	89.4#
167	43.3	31.2	46.8



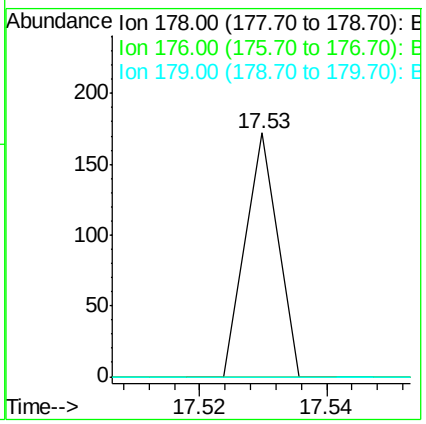


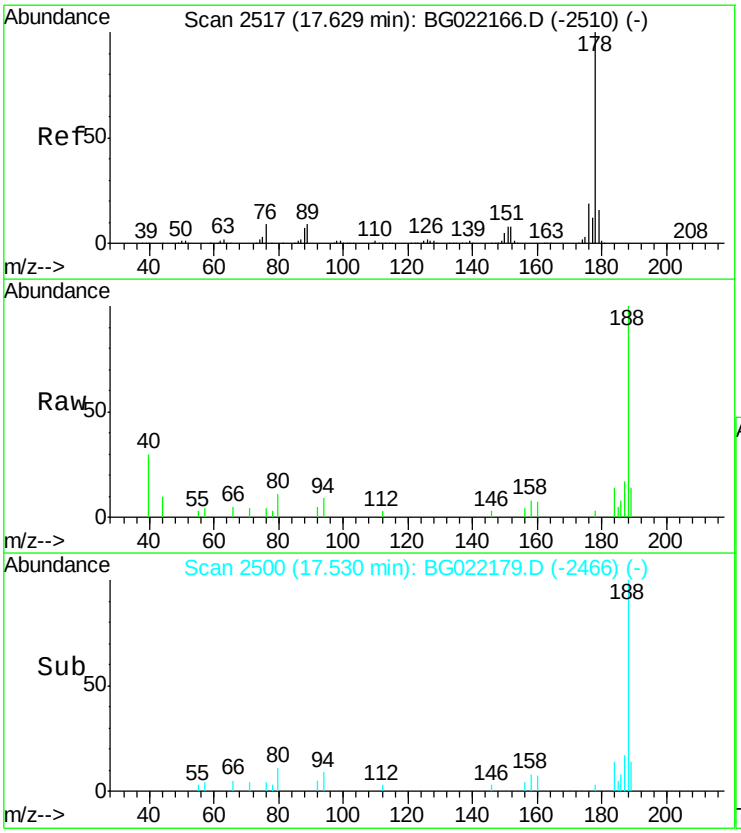
#70
Phenanthrene
Concen: 0.01 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:178 Resp: 61

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.2	24.4#
179	0.0	12.0	18.0#

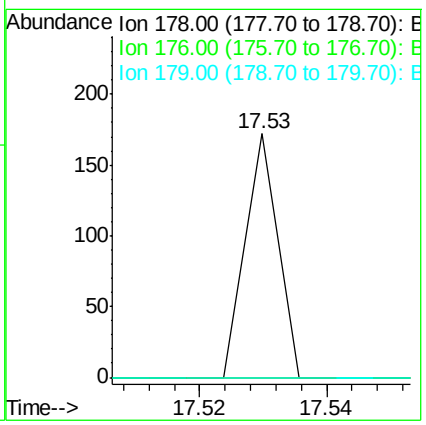


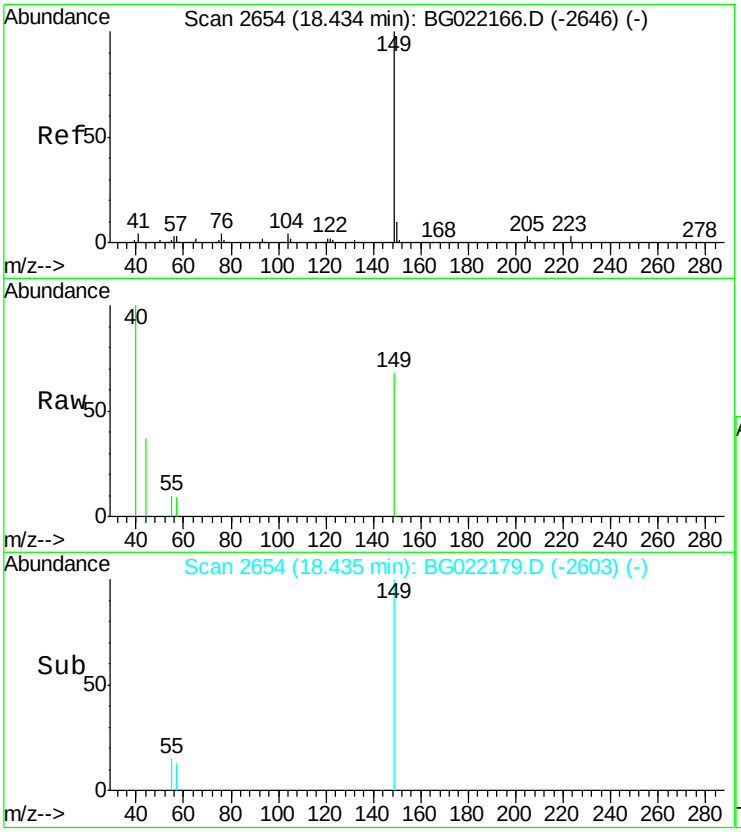


#71
Anthracene
Concen: 0.01 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.10 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:178 Resp: 61

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.2	18.4#



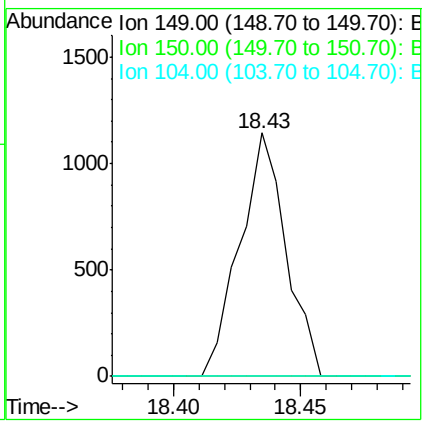


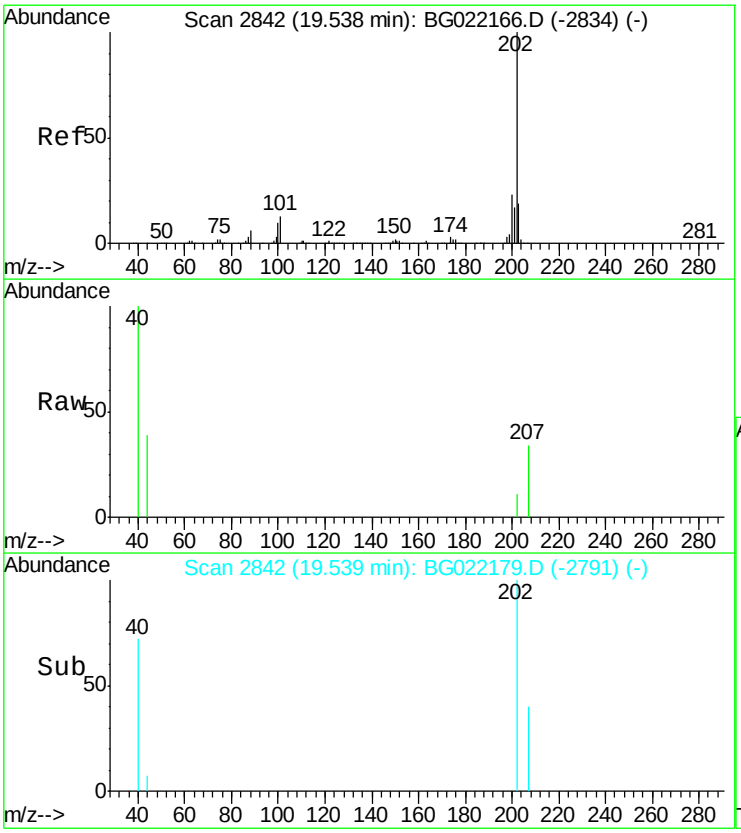
#73
Di-n-butylphthalate
Concen: 0.12 ng
RT: 18.43 min Scan# 2654
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:149 Resp: 1457

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.0#
104	0.0	4.0	6.0#

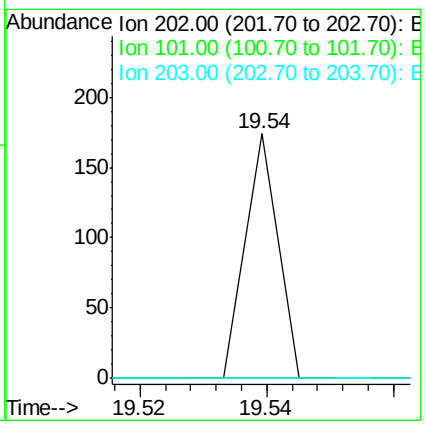


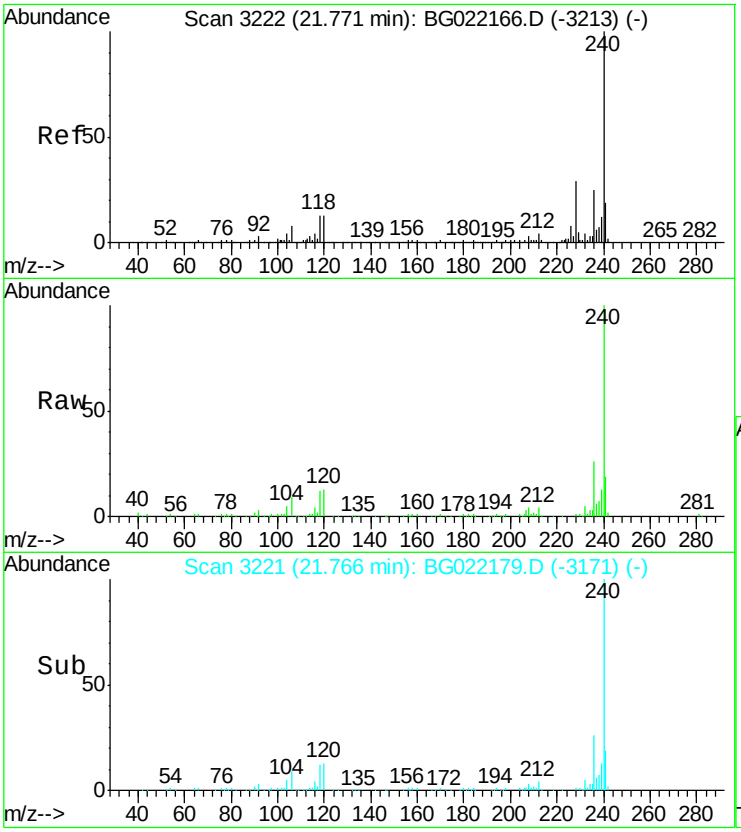


#74
Fluoranthene
Concen: 0.01 ng
RT: 19.54 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:202 Resp: 61

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.0
203	0.0	0.0	37.9



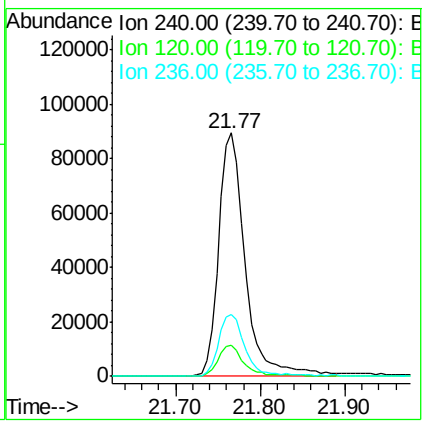


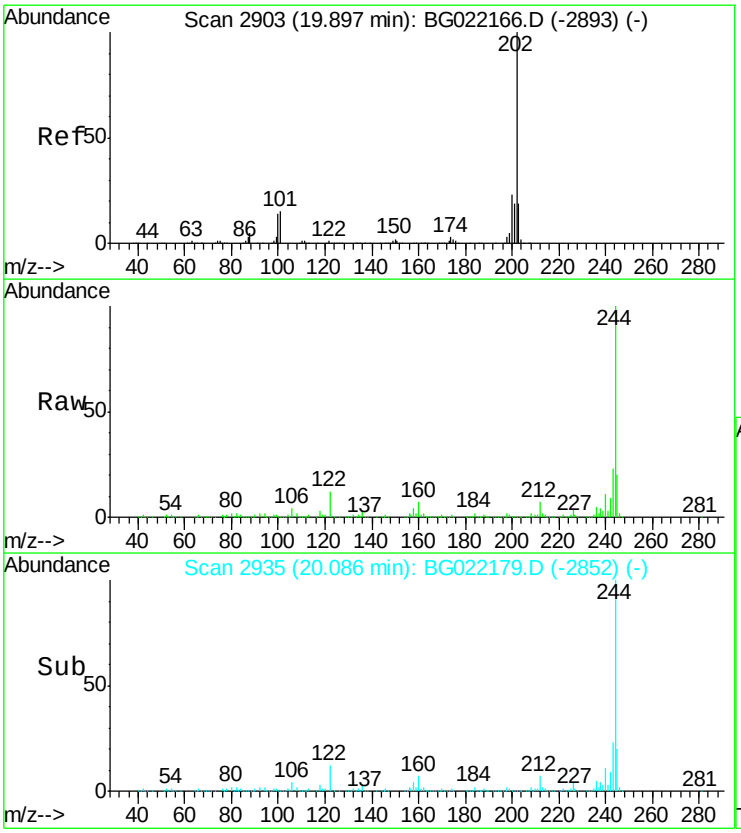
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:240 Resp: 195253

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.4	12.6#
236	25.5	19.6	29.4

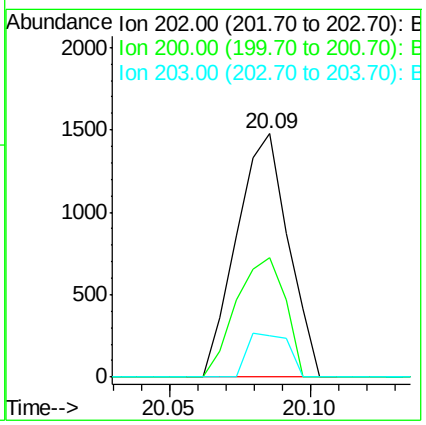


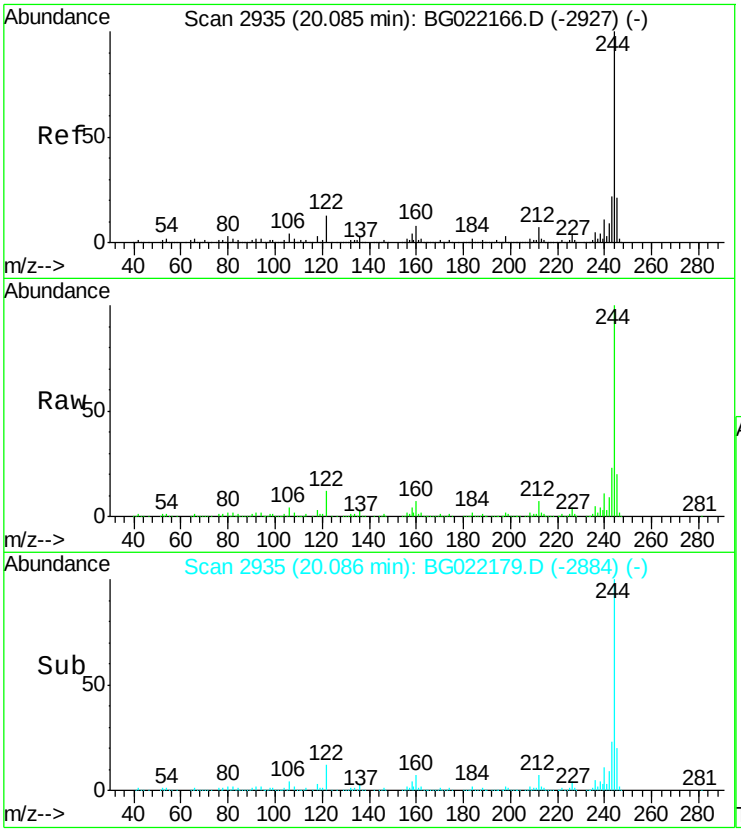


#77
Pyrene
Concen: 0.15 ng
RT: 20.09 min Scan# 2935
Delta R.T. 0.19 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:202 Resp: 1875

Ion	Ratio	Lower	Upper
202	100		
200	48.9	18.2	27.2#
203	17.2	15.0	22.4



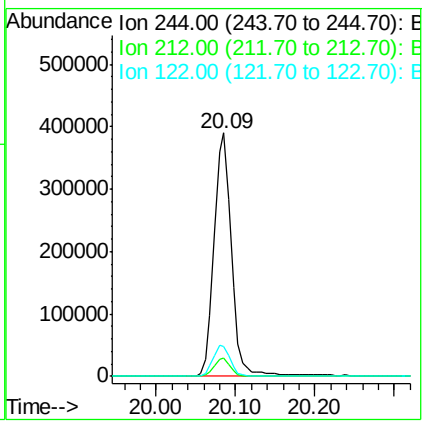


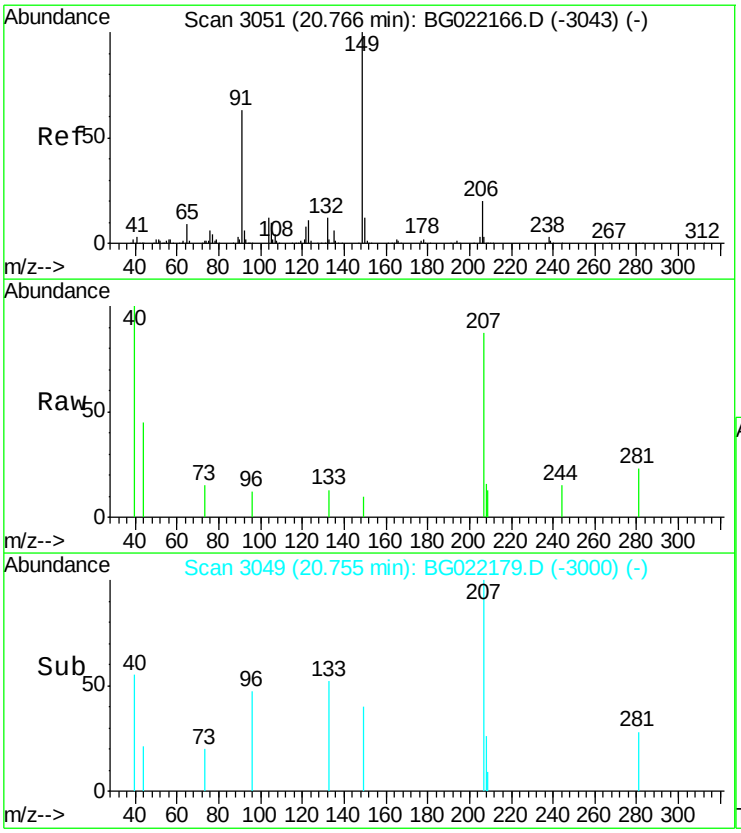
#78
Terphenyl-d14
Concen: 72.59 ng
RT: 20.09 min Scan# 2935
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:244 Resp: 597033

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	12.1	8.6	12.8

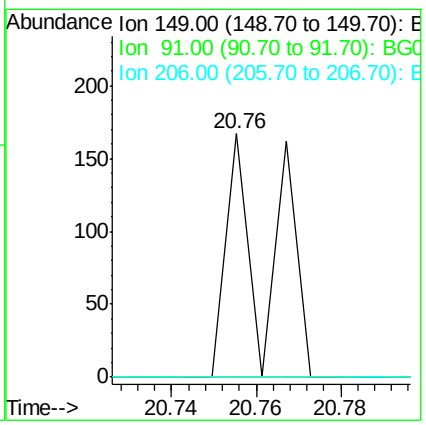


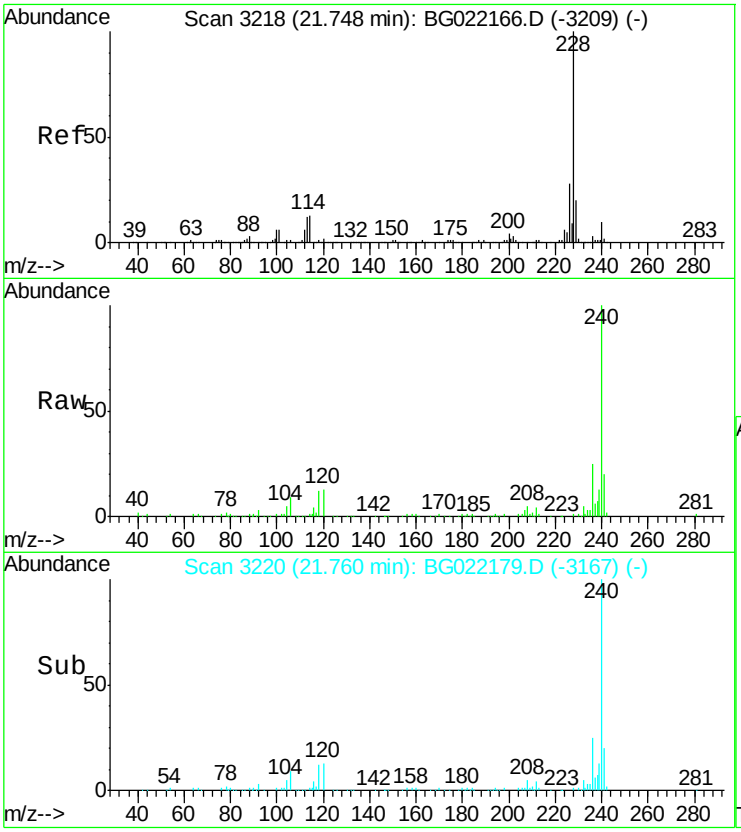


#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 20.76 min Scan# 3049
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:149 Resp: 116

Ion	Ratio	Lower	Upper
149	100		
91	0.0	57.8	86.8#
206	0.0	17.0	25.4#



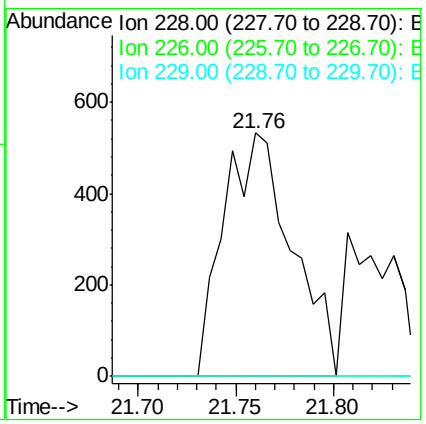


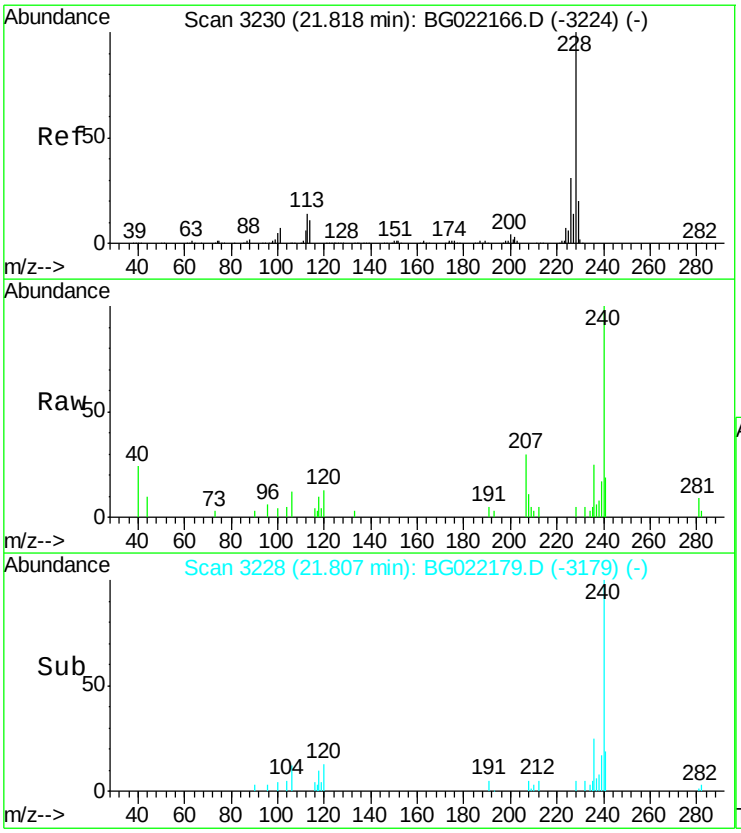
#80
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.76 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:228 Resp: 1291

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	34.0#
229	0.0	16.1	24.1#

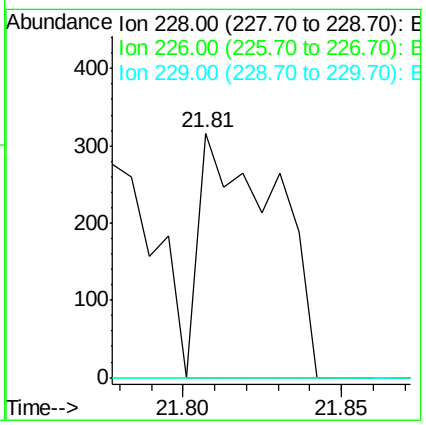


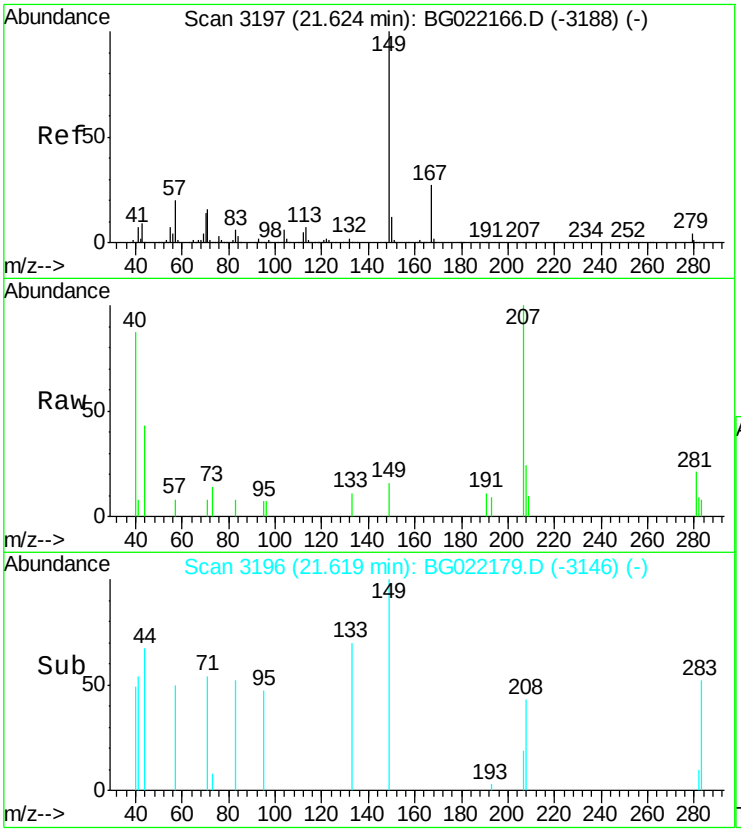


#82
Chrysene
Concen: 0.05 ng
RT: 21.81 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:228 Resp: 526

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	15.9	23.9#



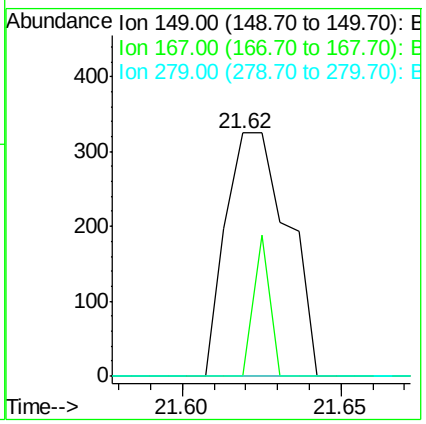


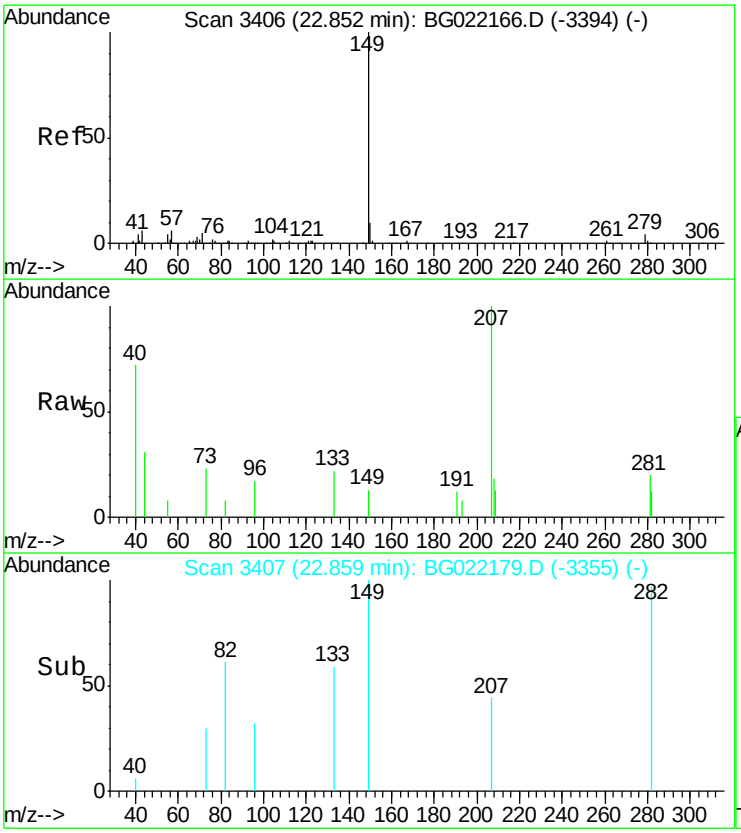
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.62 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:149 Resp: 439

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.4	33.6#
279	0.0	3.2	4.8#

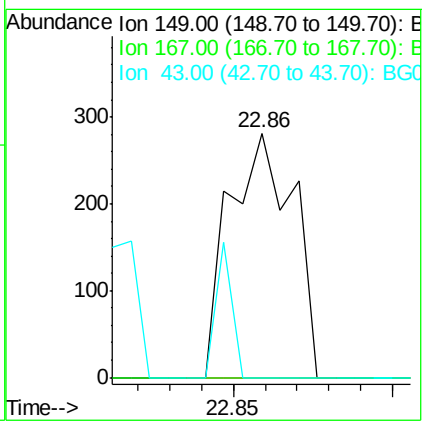


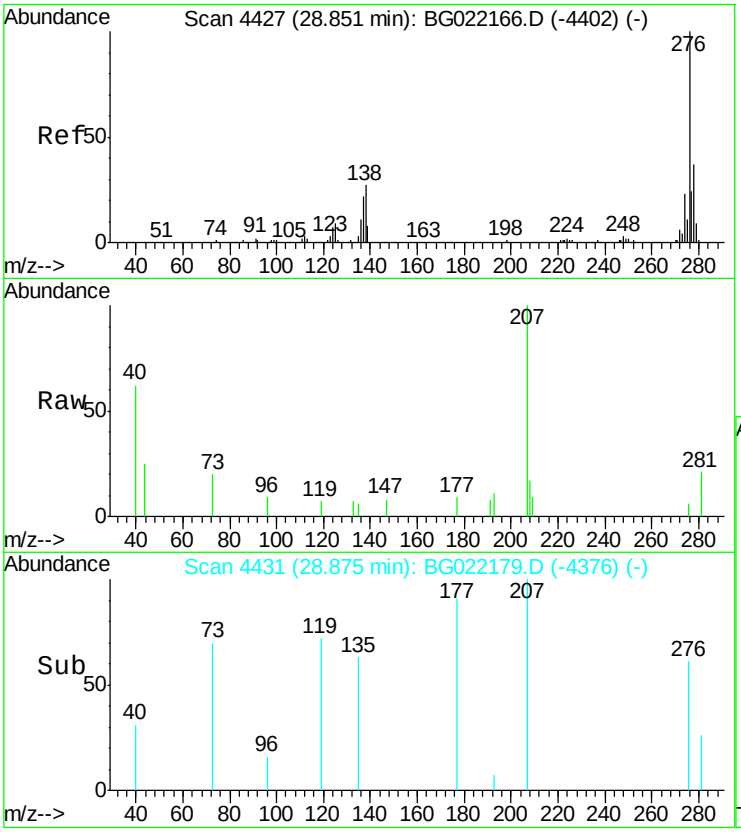


#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 22.86 min Scan# 3407
Delta R.T. 0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:149 Resp: 393

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	14.0	9.8	14.6



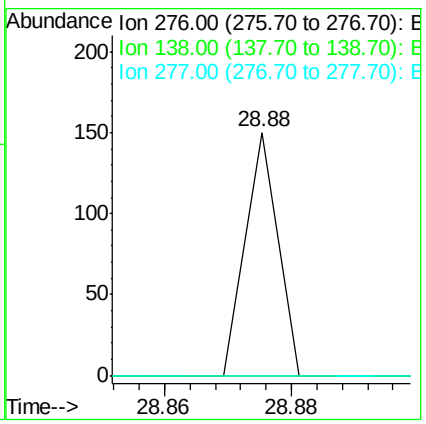


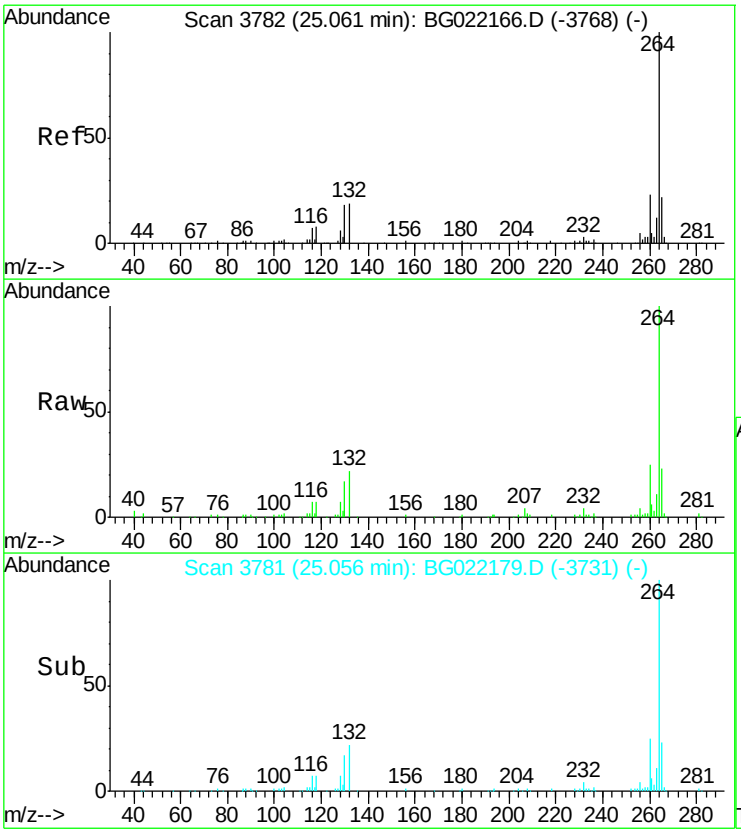
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 28.88 min Scan# 4431
Delta R.T. 0.02 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:276 Resp: 53

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.0	21.0#
277	0.0	20.6	30.8#

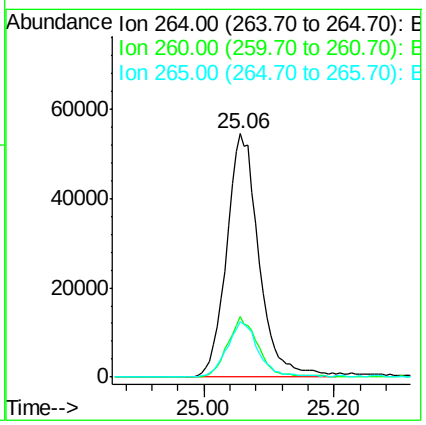


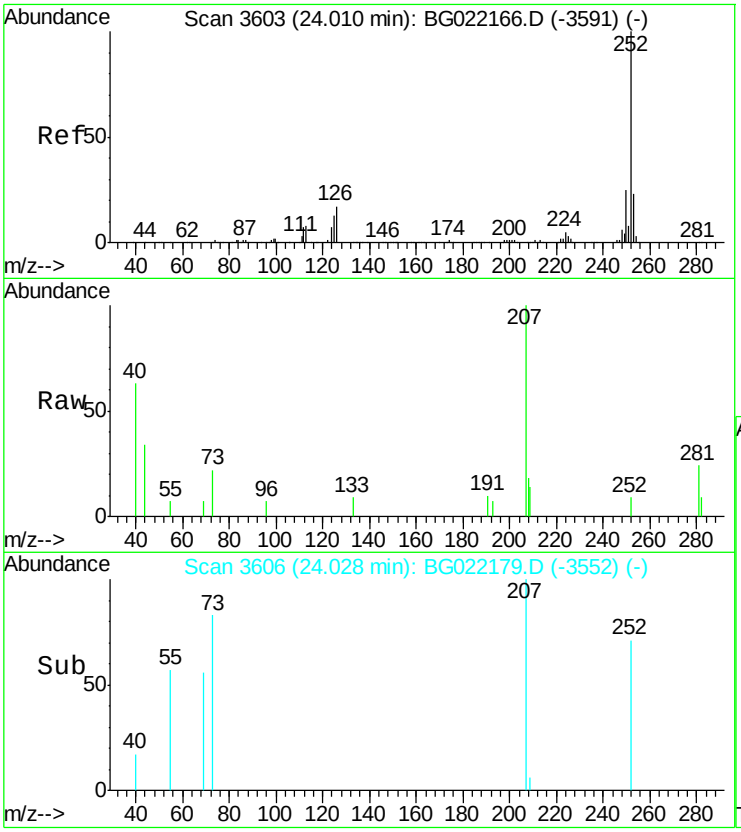


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:264 Resp: 187270

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	22.8	17.8	26.8



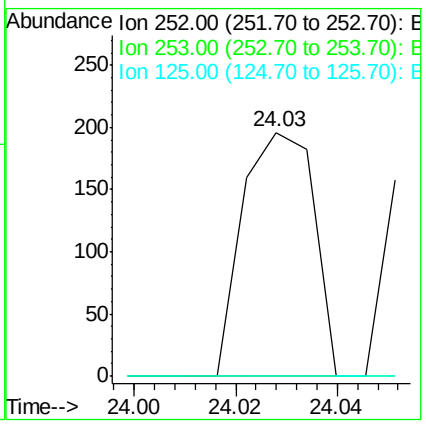


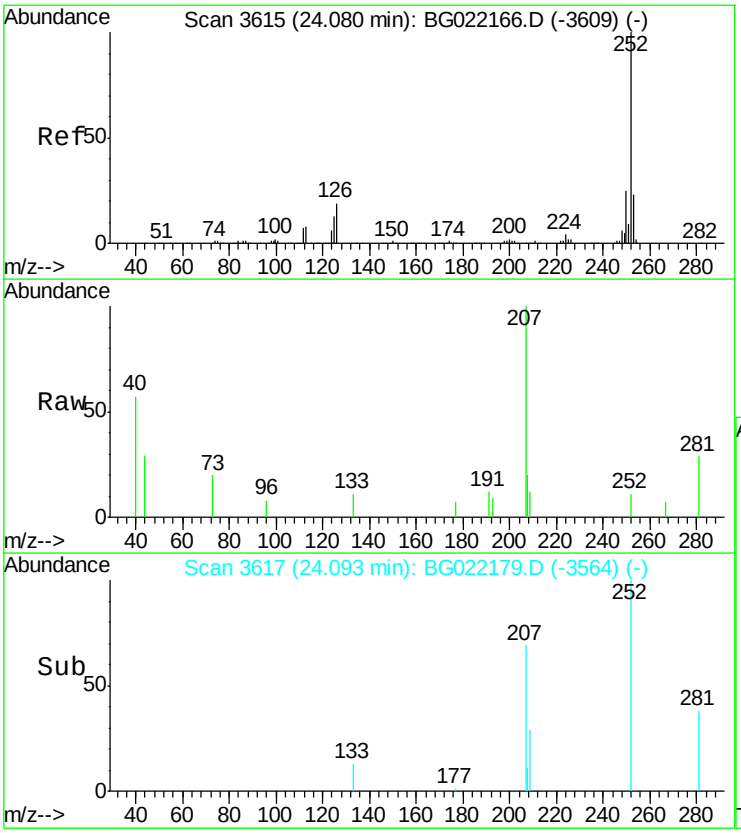
#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 24.03 min Scan# 3606
Delta R.T. 0.02 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:252 Resp: 190

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	0.0	8.6	13.0#

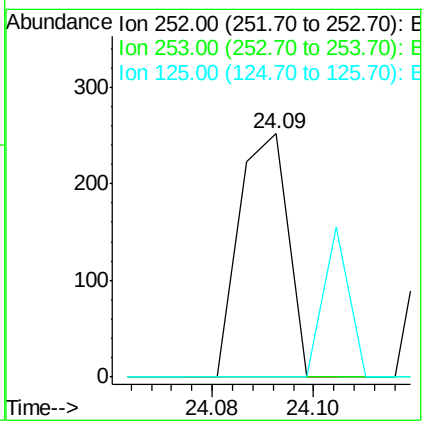


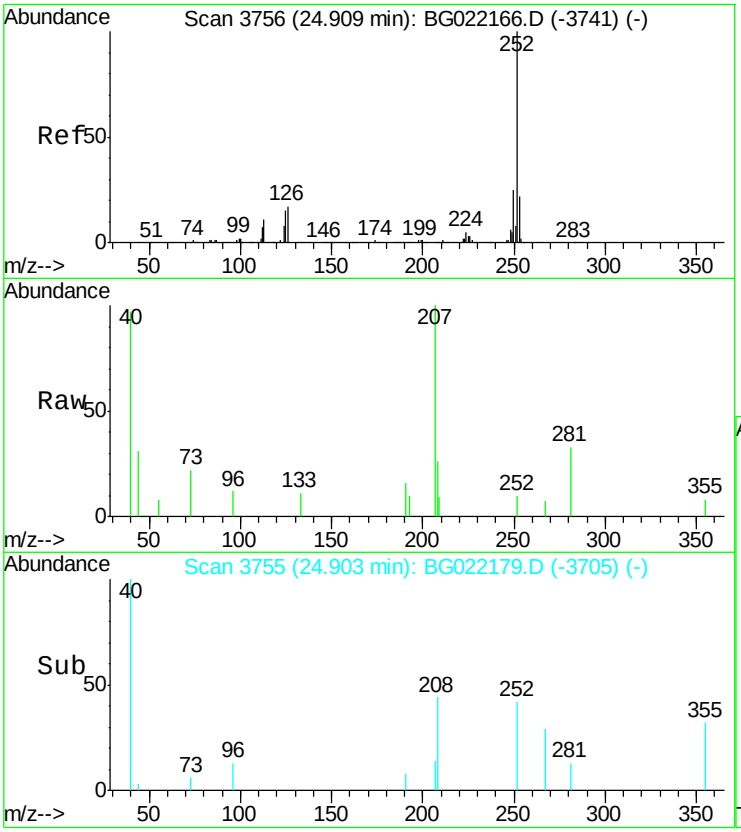


#88
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 24.09 min Scan# 3617
Delta R.T. 0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:252 Resp: 167

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	8.3	12.5#





#89
Benzo(a)pyrene
Concen: 0.03 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion:252 Resp: 283

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.1	25.7#
125	0.0	9.6	14.4#