Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021143.D
Acq On : 28 Feb 2016 9:24
Operator : UM/SJ
Sample : H1526-06
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-05

Quant Time: Feb 29 01:15:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9165	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	43708	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	27621	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	64369	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	66411	20.00	ng	-0.02
86) Perylene-d12	25.05	264	61201	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	73765	140.91	ng	0.00
7) Phenol-d6	7.31	99	118898	152.63	ng	-0.02
23) Nitrobenzene-d5	9.33	82	84170	91.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	36289	100.21	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	154872	71.75	ng	-0.01
78) Terphenyl-d14	20.09	244	234873	82.65	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	30779	12.93	ng	99
70) Phenanthrene	17.55	178	30654	8.85	ng	99
74) Fluoranthene	19.54	202	24086	5.54	ng	98
77) Pyrene	19.90	202	19475	5.30	ng	97

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

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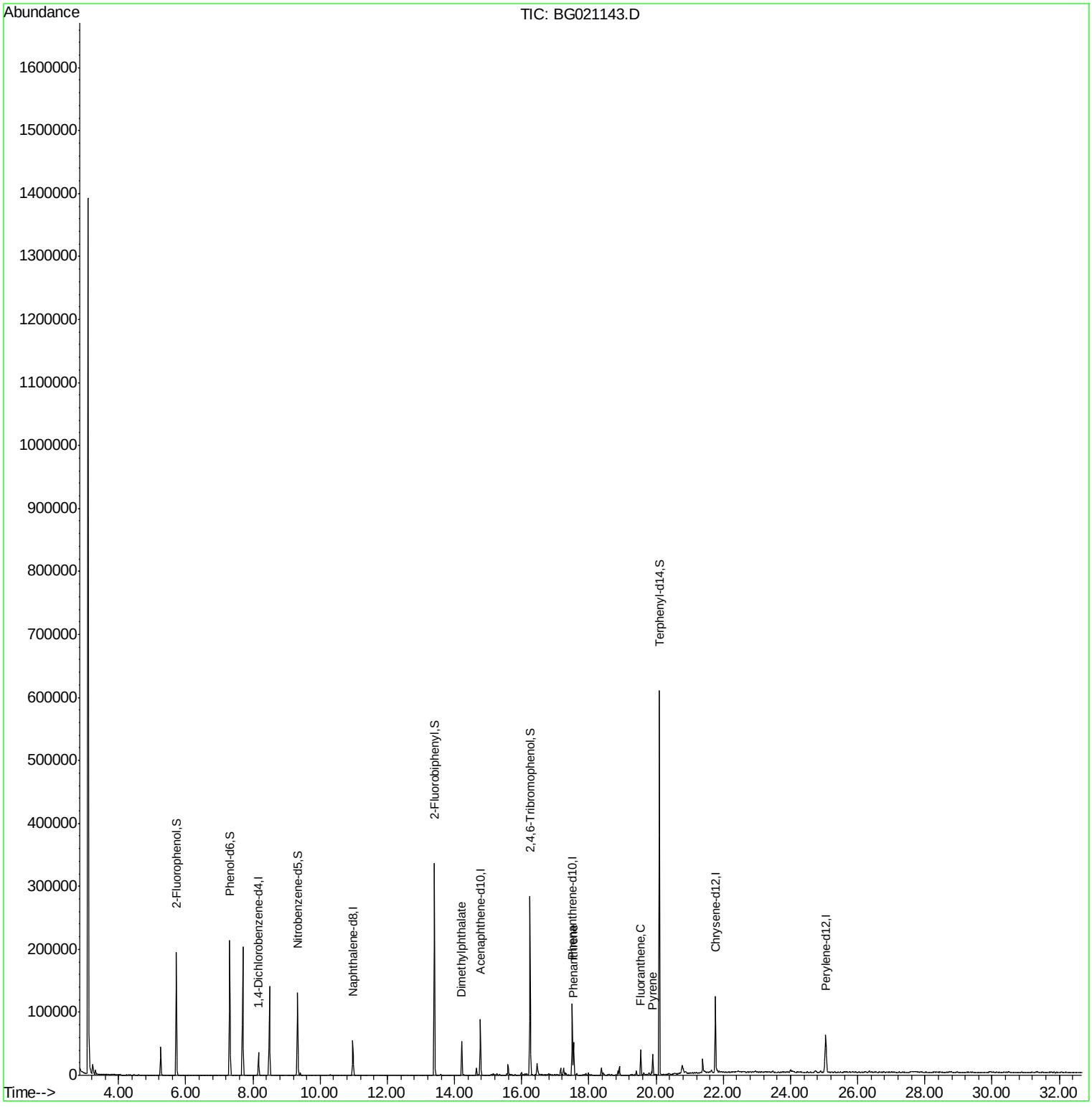
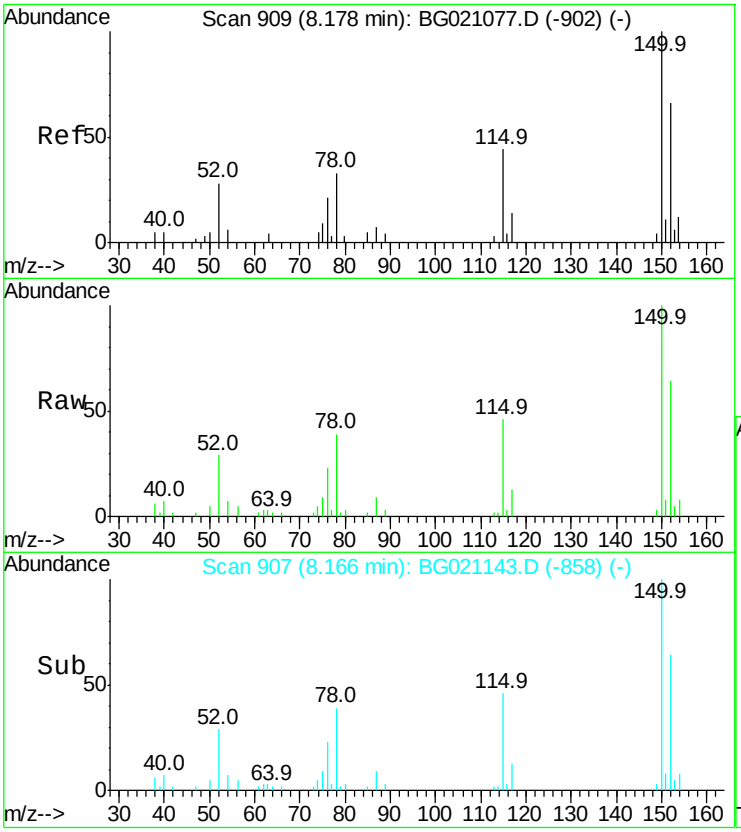


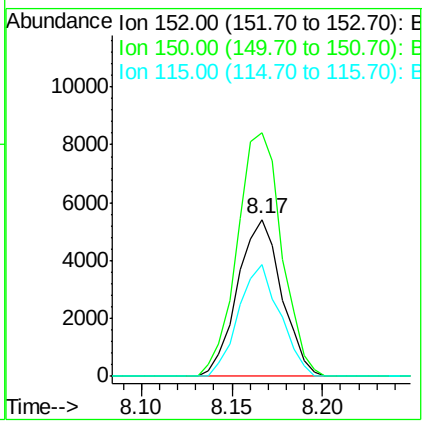


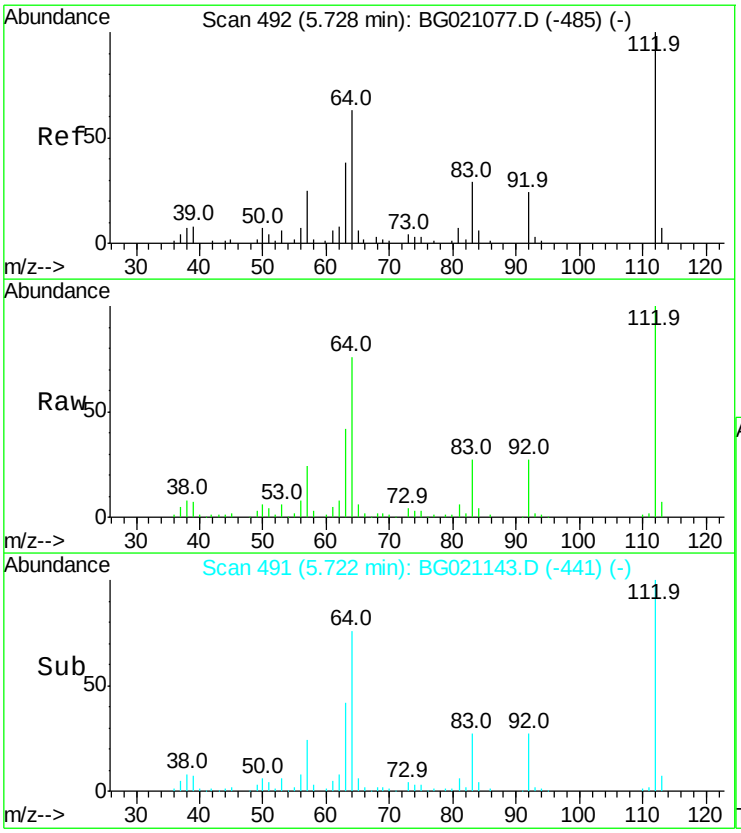
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampleId :
P-05

Tgt Ion:152 Resp: 9165

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.4	185.2
115	71.1	43.3	64.9#

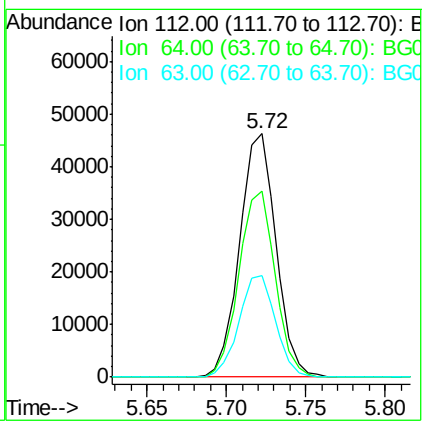


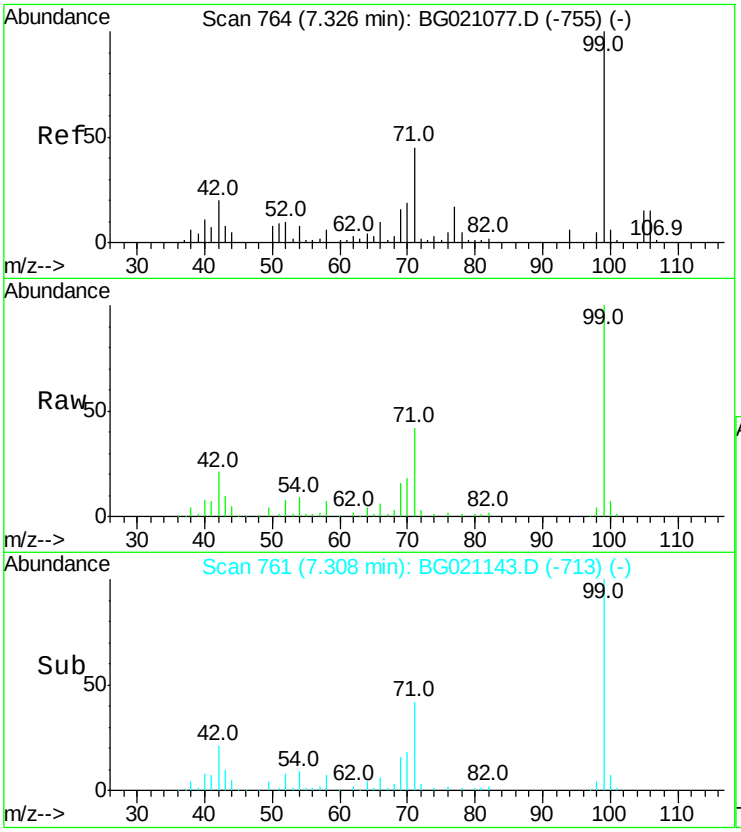


#5
2-Fluorophenol
Concen: 140.91 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Tgt Ion:112 Resp: 73765

Ion	Ratio	Lower	Upper
112	100		
64	76.3	42.6	63.8#
63	41.9	21.7	32.5#



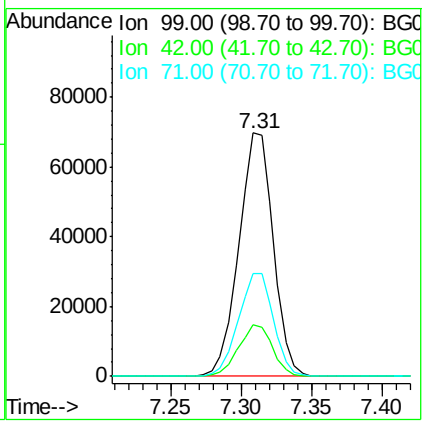


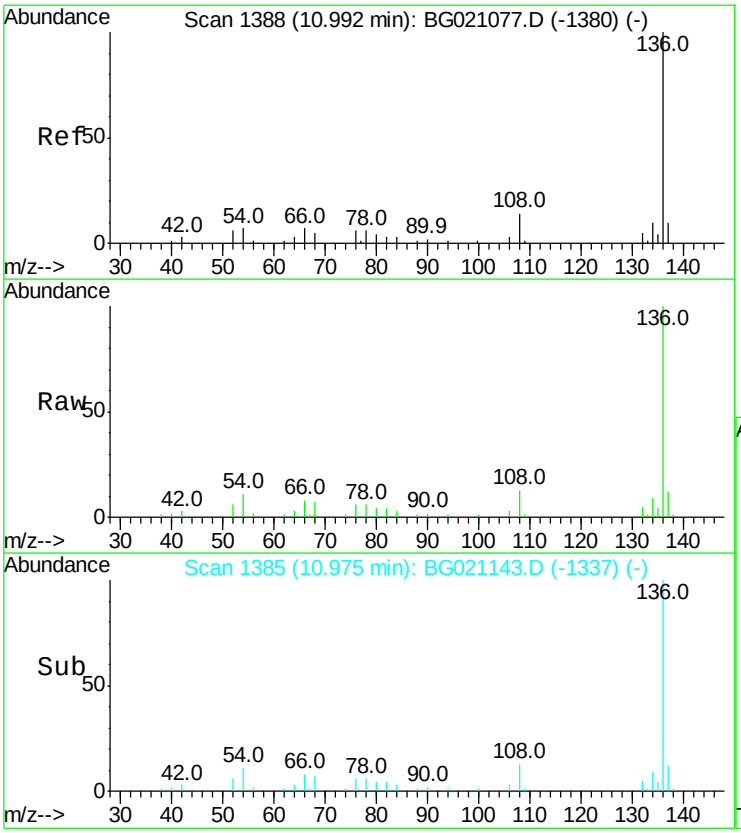
#7
Phenol-d6
Concen: 152.63 ng
RT: 7.31 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampleId :
P-05

Tgt Ion: 99 Resp: 118898

Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.2	19.8#
71	42.3	25.2	37.8#

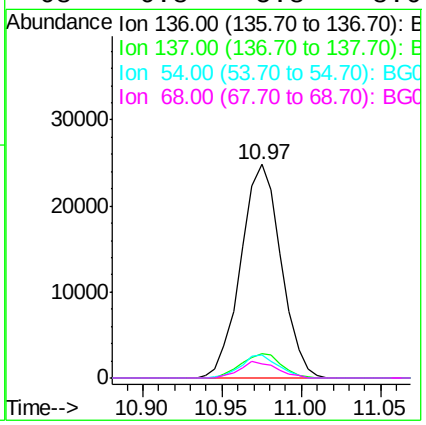


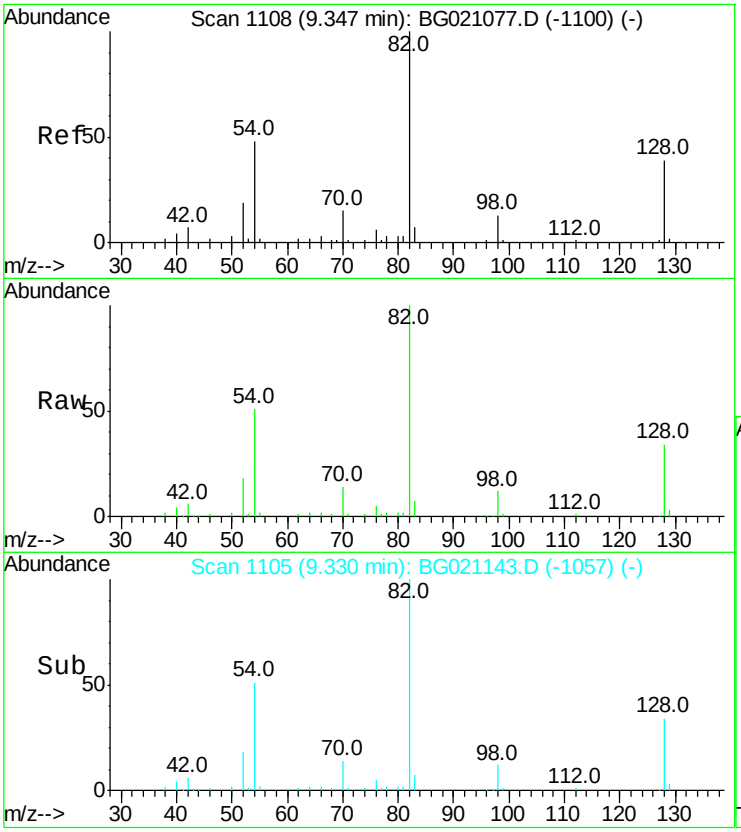


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Tgt Ion:136 Resp: 43708

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.8	6.9	10.3#
68	6.8	5.8	8.6



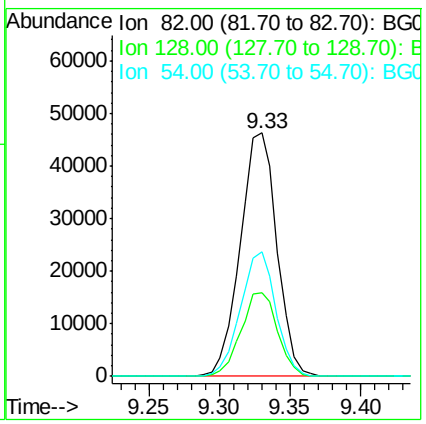


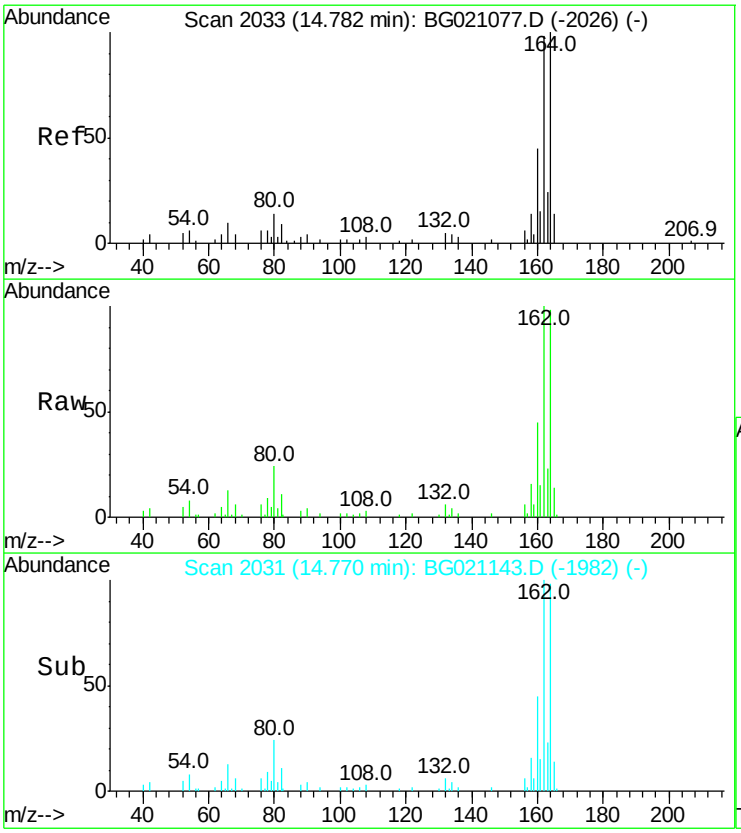
#23
Nitrobenzene-d5
Concen: 91.75 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampleId :
P-05

Tgt Ion: 82 Resp: 84170

Ion	Ratio	Lower	Upper
82	100		
128	34.4	36.3	54.5#
54	51.3	37.6	56.4

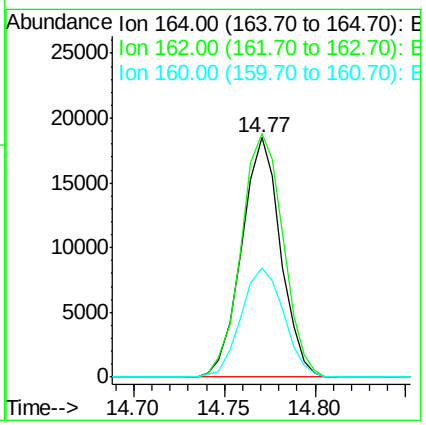


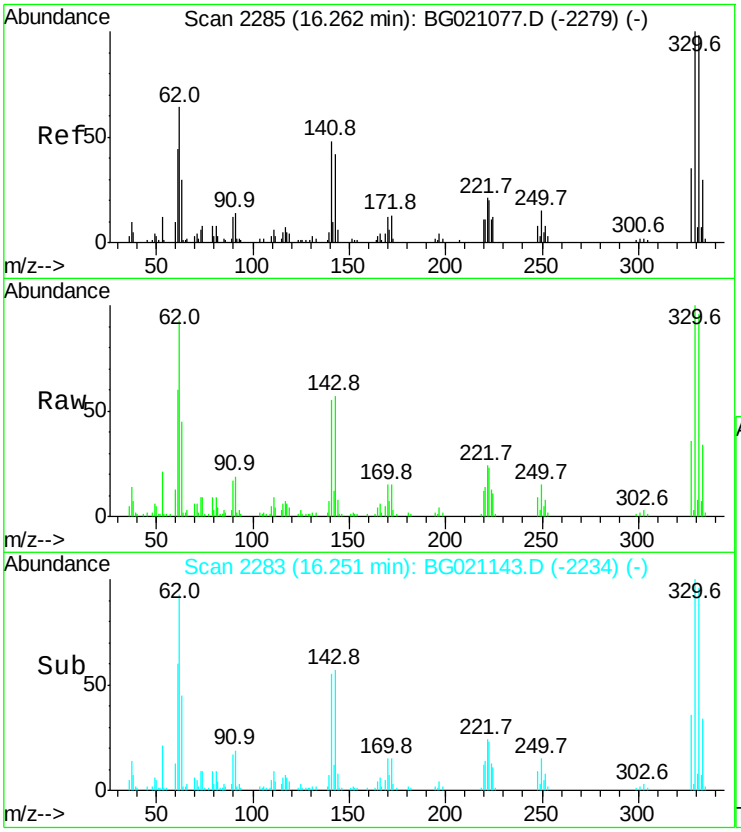


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Tgt Ion:164 Resp: 27621

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.5	36.5	54.7



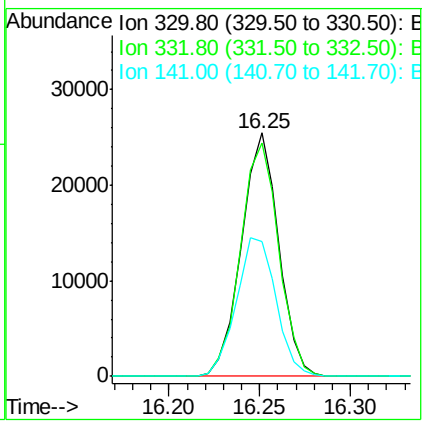


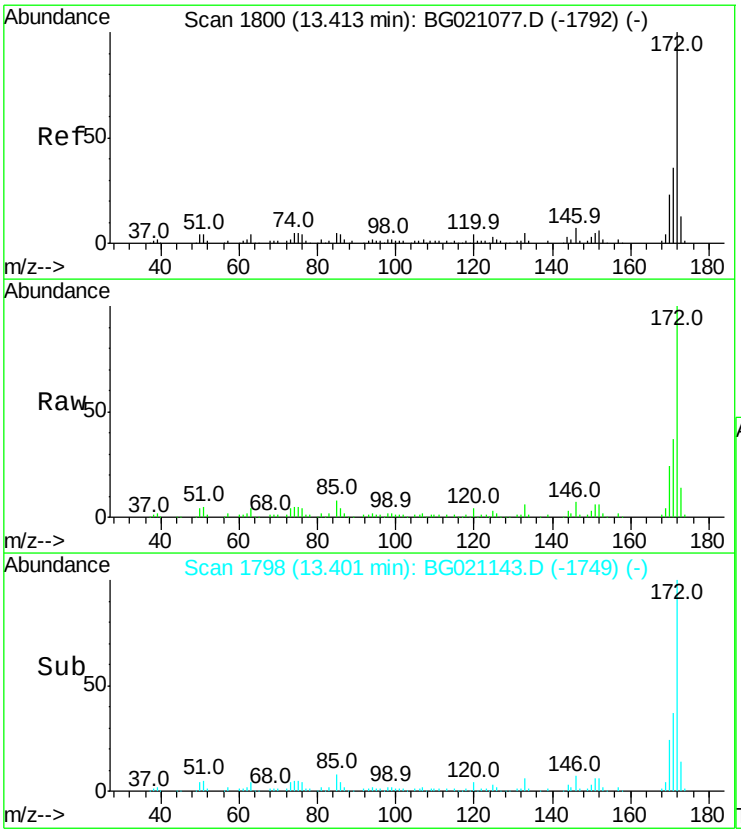
#41
2,4,6-Tribromophenol
Concen: 100.21 ng
RT: 16.25 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampleId :
P-05

Tgt Ion:330 Resp: 36289

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.4	116.0
141	60.6	35.3	52.9#

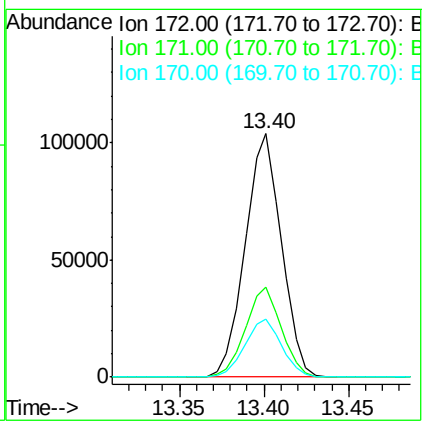


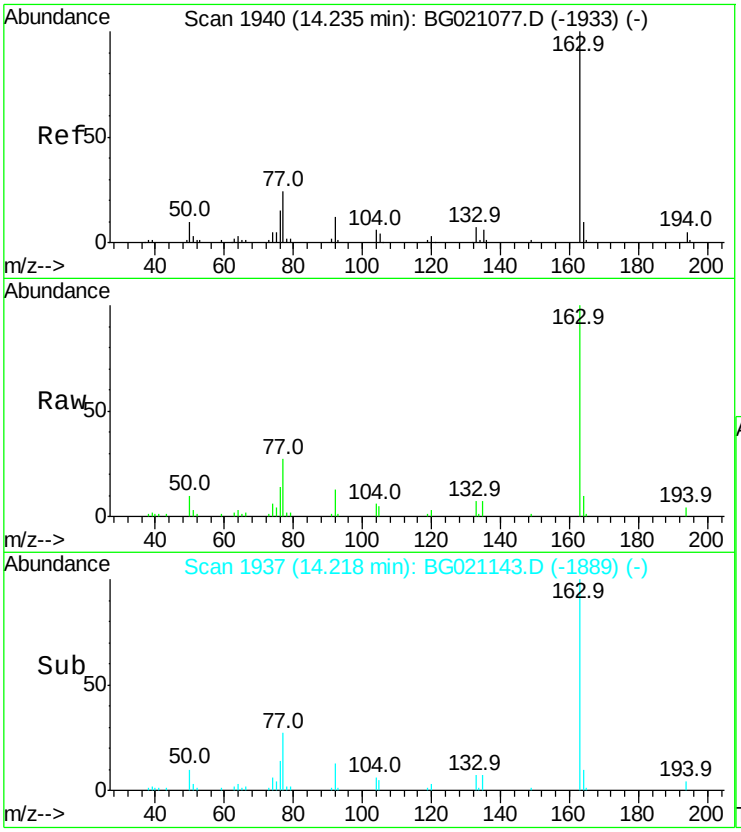


#44
2-Fluorobiphenyl
Concen: 71.75 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Tgt Ion:172 Resp: 154872

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.0	19.8	29.8



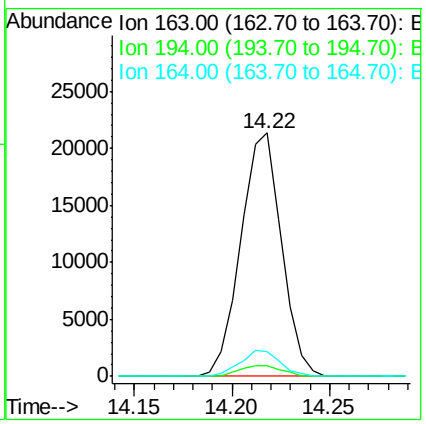


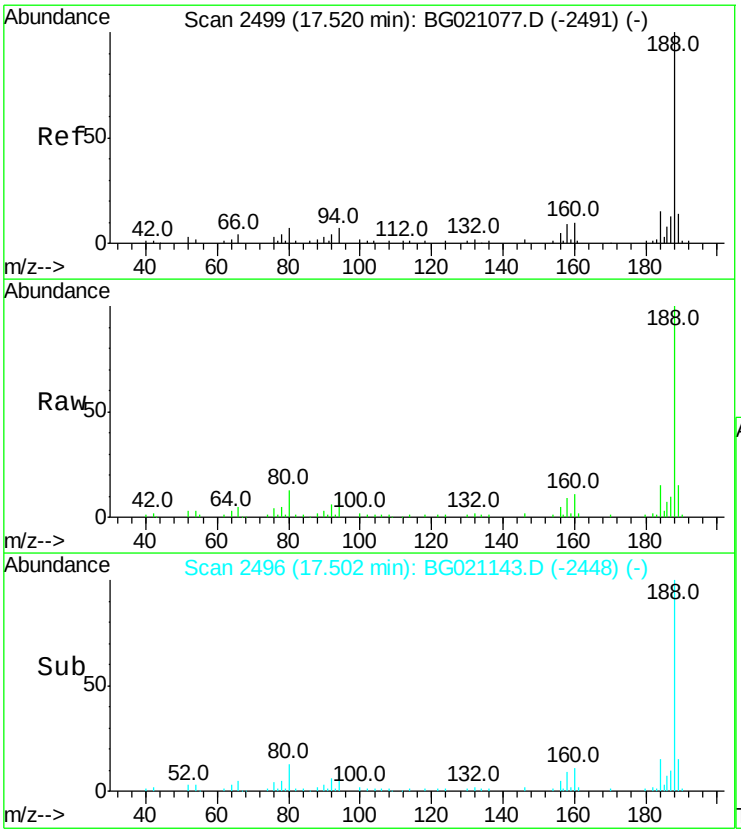
#49
Dimethylphthalate
Concen: 12.93 ng
RT: 14.22 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampleId :
P-05

Tgt Ion:163 Resp: 30779

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.8	4.2
164	10.1	7.9	11.9

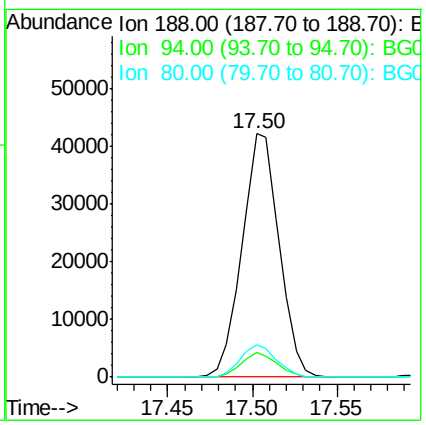


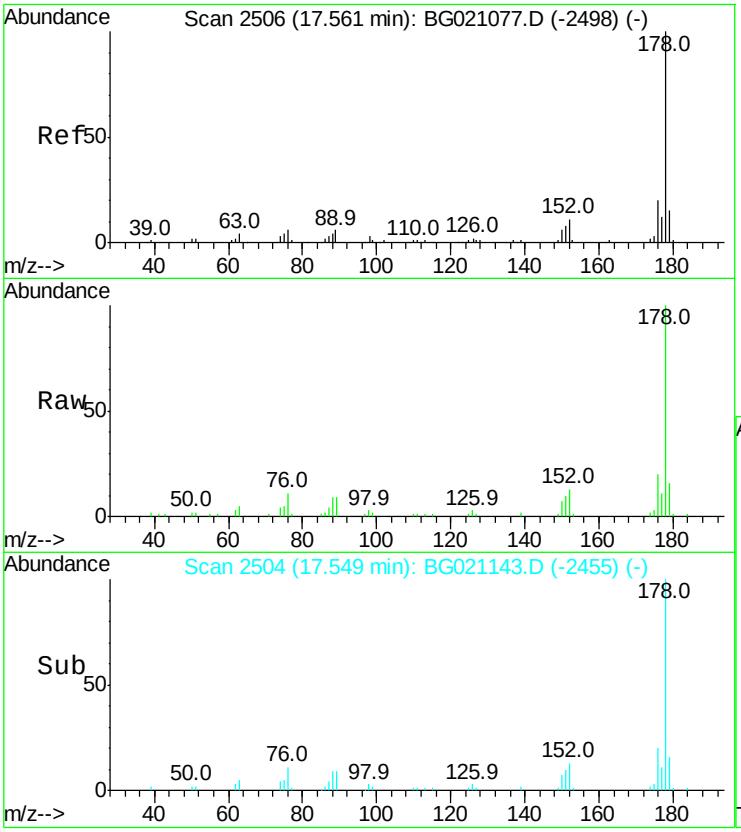


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Tgt Ion:188 Resp: 64369

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.4
80	13.4	9.2	13.8



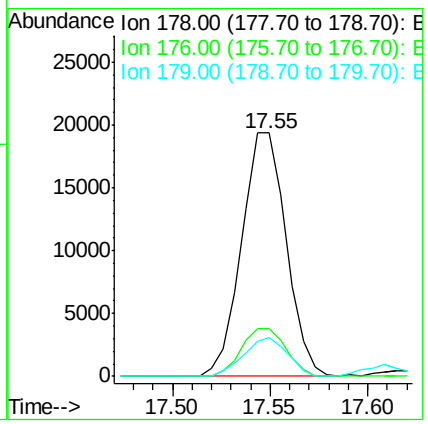


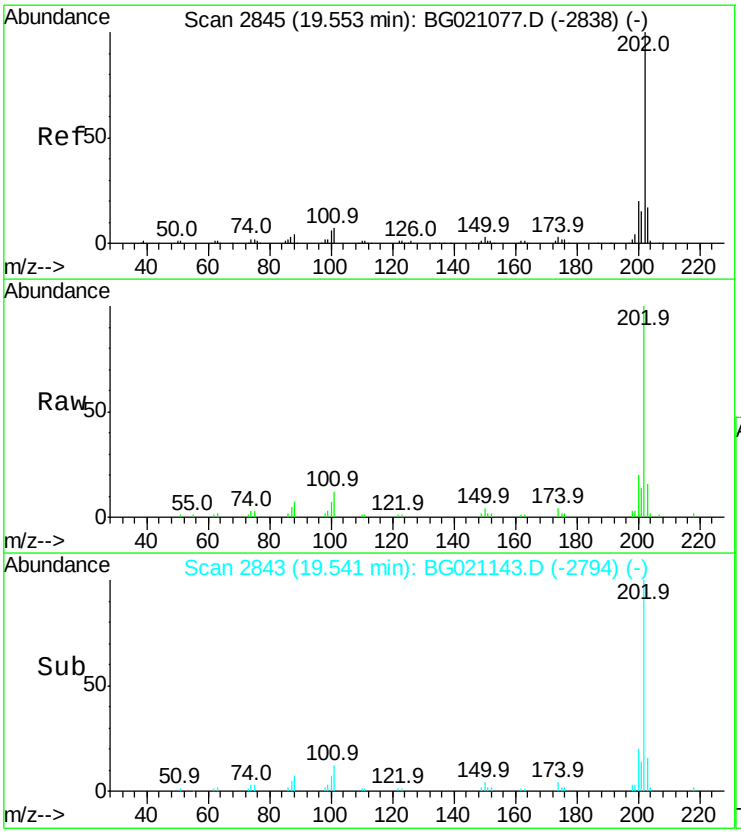
#70
Phenanthrene
Concen: 8.85 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampleId :
P-05

Tgt Ion:178 Resp: 30654

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	16.0	12.9	19.3

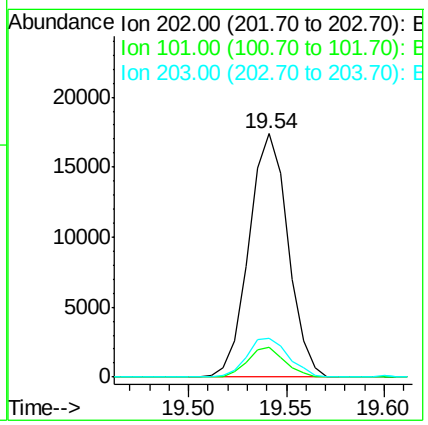


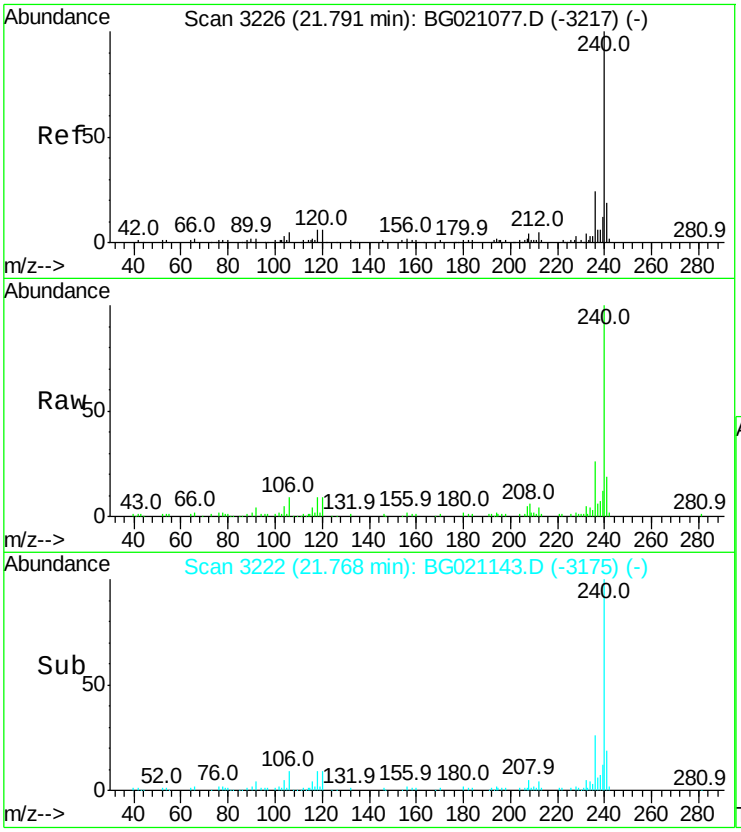


#74
Fluoranthene
Concen: 5.54 ng
RT: 19.54 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Tgt Ion:202 Resp: 24086

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.5
203	16.0	0.0	37.6



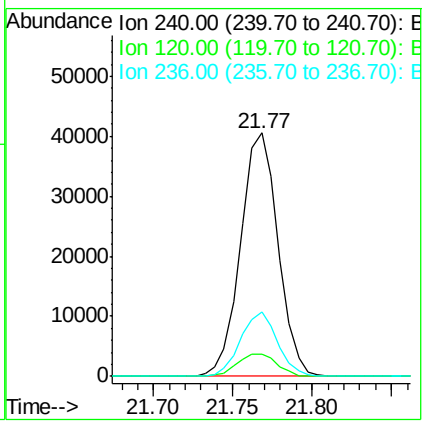


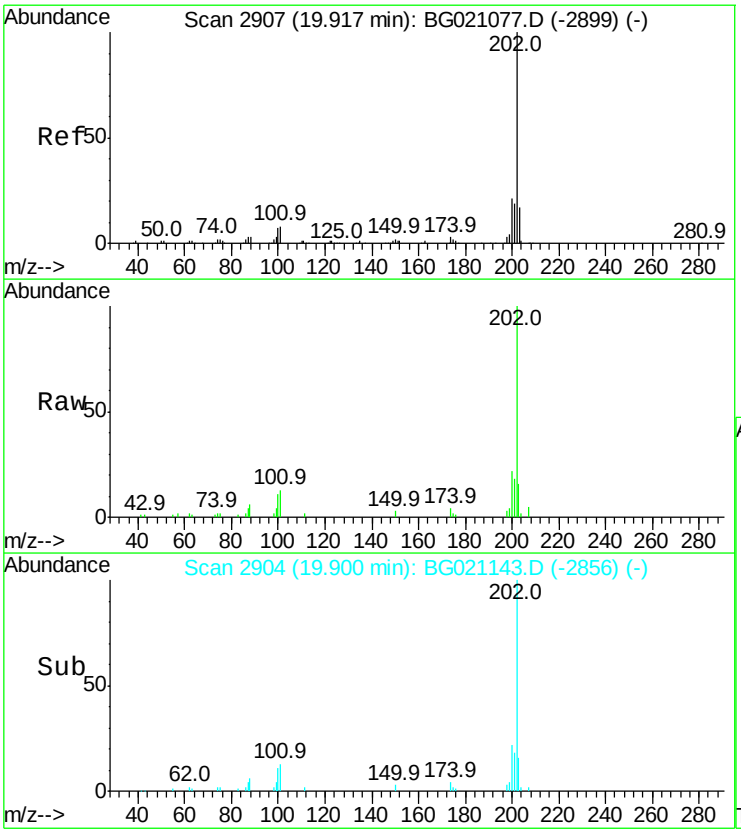
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampleId :
P-05

Tgt Ion:240 Resp: 66411

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.5	11.3
236	26.2	20.5	30.7

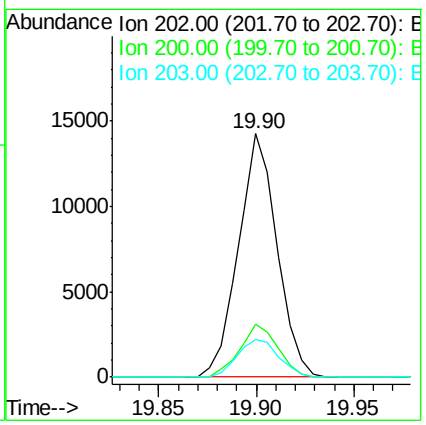


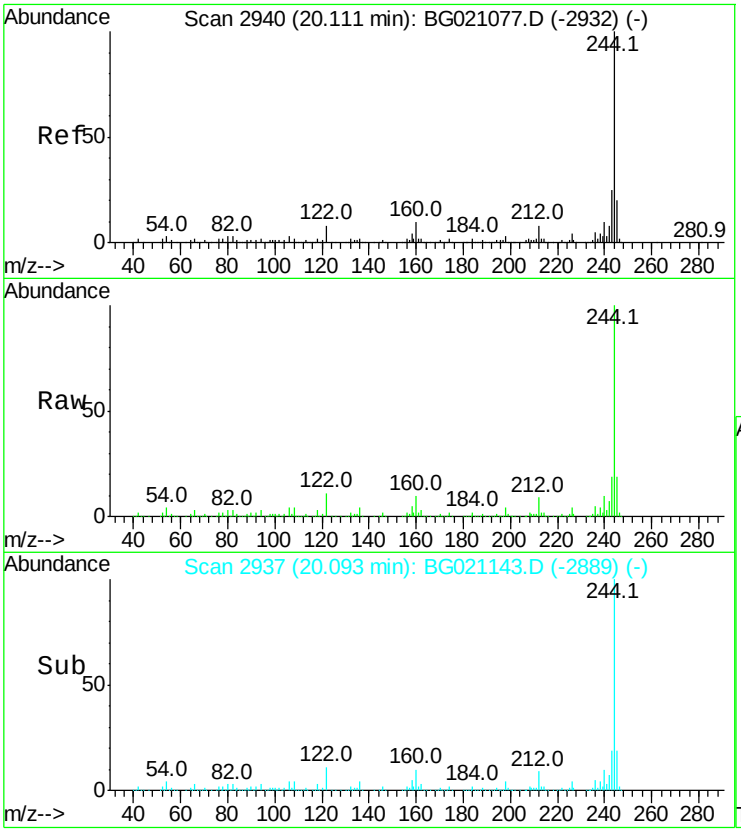


#77
Pyrene
Concen: 5.30 ng
RT: 19.90 min Scan# 2904
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Tgt Ion:202 Resp: 19475

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	25.0
203	15.5	13.8	20.8



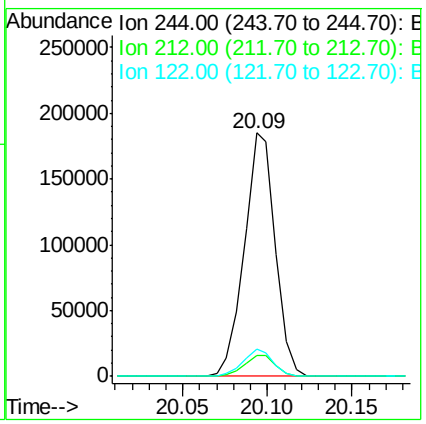


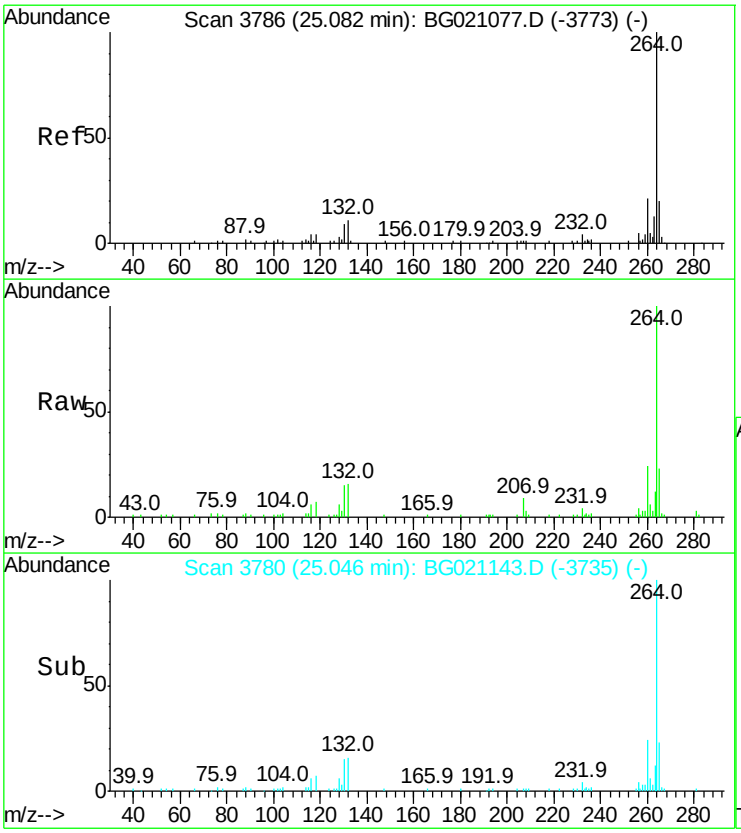
#78
Terphenyl-d14
Concen: 82.65 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampleId :
P-05

Tgt Ion:244 Resp: 234873

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	11.4	8.3	12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.04 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Tgt Ion:264 Resp: 61201

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	22.6	18.6	28.0