Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021050.D
Acq On : 24 Feb 2016 7:11
Operator : UM/SJ
Sample : H1442-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : POST-EX-14-20160211

Quant Time: Feb 24 09:55:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 00:35:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	5321	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	27572	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	15675	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	28673	20.00	ng	0.00
75) Chrysene-d12	21.82	240	17696	20.00	ng	0.00
86) Perylene-d12	25.13	264	16731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	43126	142.09	ng	0.00
7) Phenol-d6	7.41	99	67400	144.20	ng	0.00
23) Nitrobenzene-d5	9.39	82	44271	94.27	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	23598	125.67	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	103301	91.74	ng	0.00
78) Terphenyl-d14	20.14	244	85729	62.87	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.27	163	13929	10.90	ng	98
70) Phenanthrene	17.60	178	3886	2.40	ng	98
71) Anthracene	17.60	178	3886	2.40	ng	96
74) Fluoranthene	19.59	202	5416	3.32	ng	97
77) Pyrene	19.95	202	4569	2.26	ng	98

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

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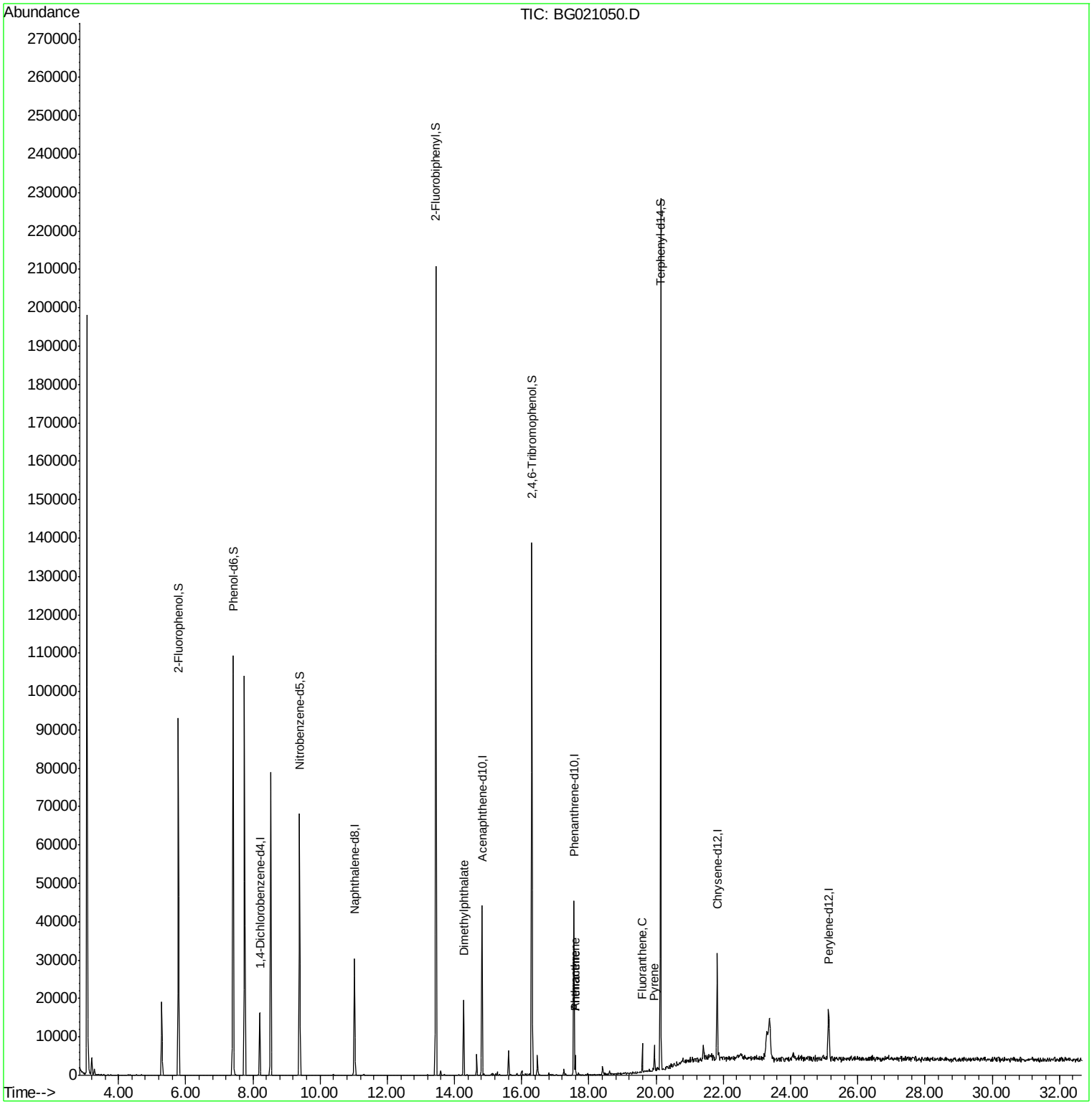
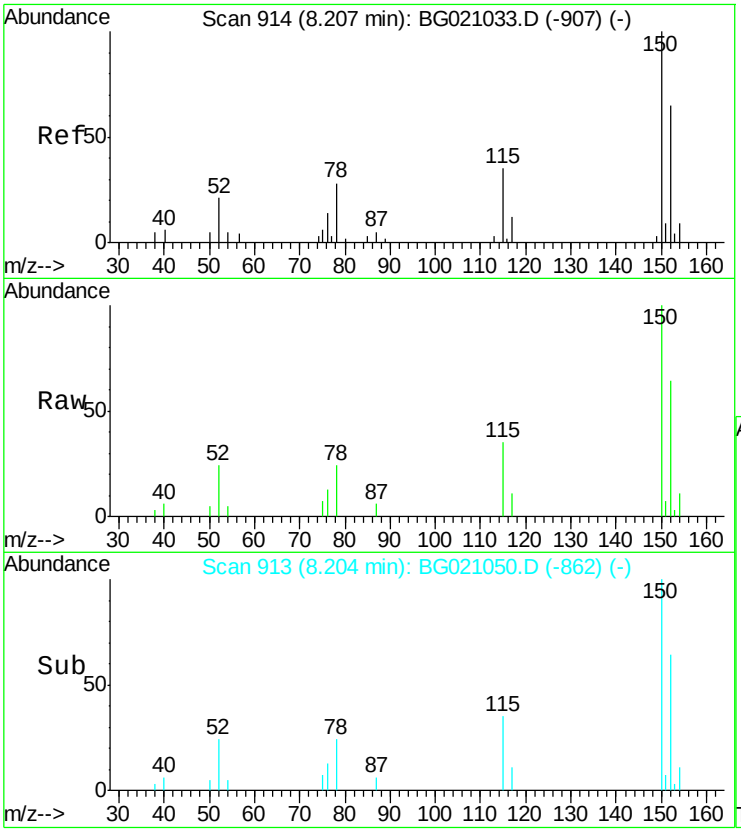


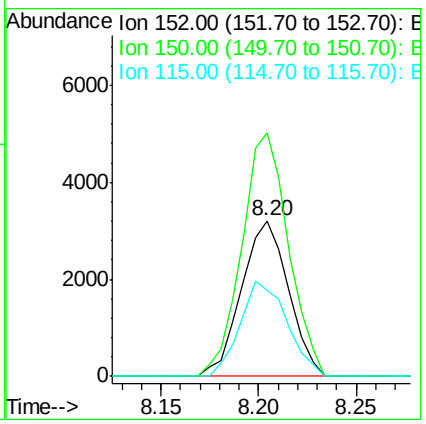


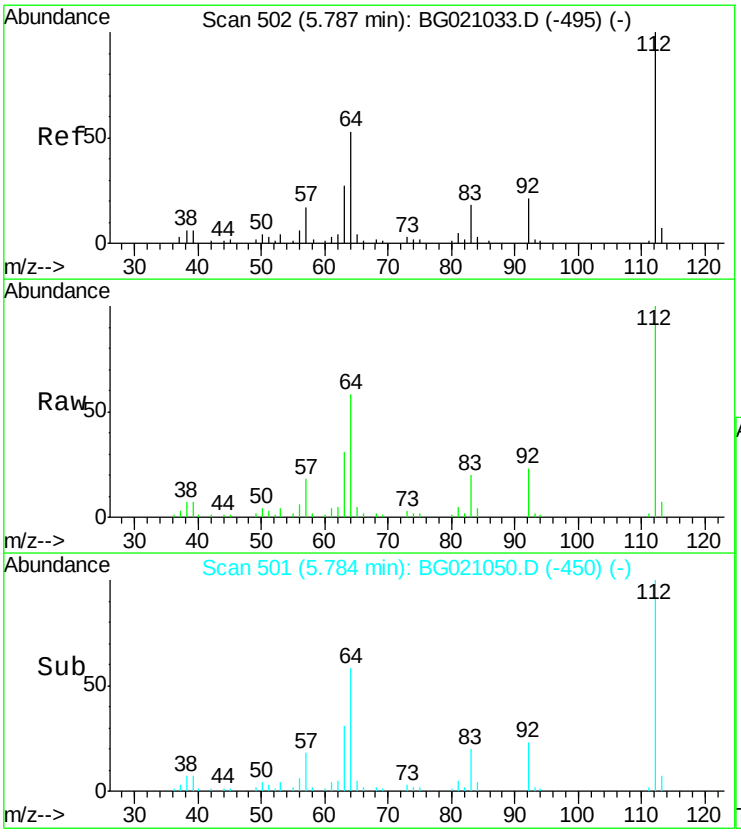
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Instrument :
BNA_G
ClientSampleId :
POST-EX-14-20160211

Tgt Ion:152 Resp: 5321

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.4	185.2
115	55.2	43.3	64.9

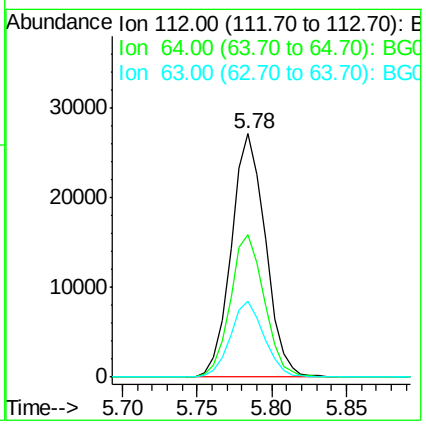


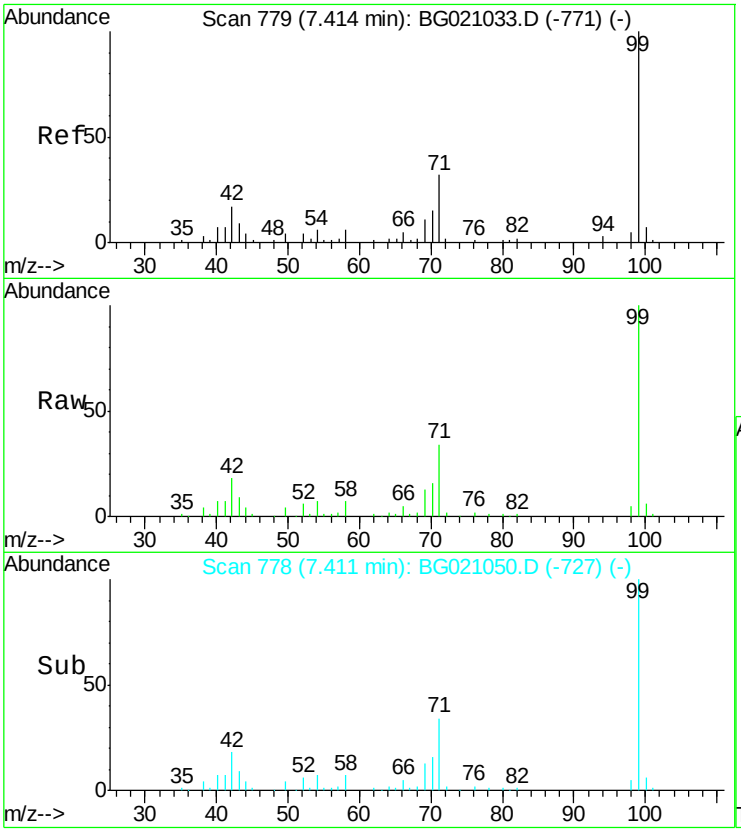


#5
2-Fluorophenol
Concen: 142.09 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Tgt Ion:112 Resp: 43126

Ion	Ratio	Lower	Upper
112	100		
64	58.4	42.6	63.8
63	31.2	21.7	32.5



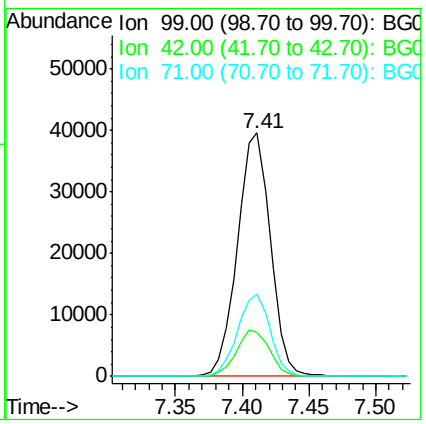


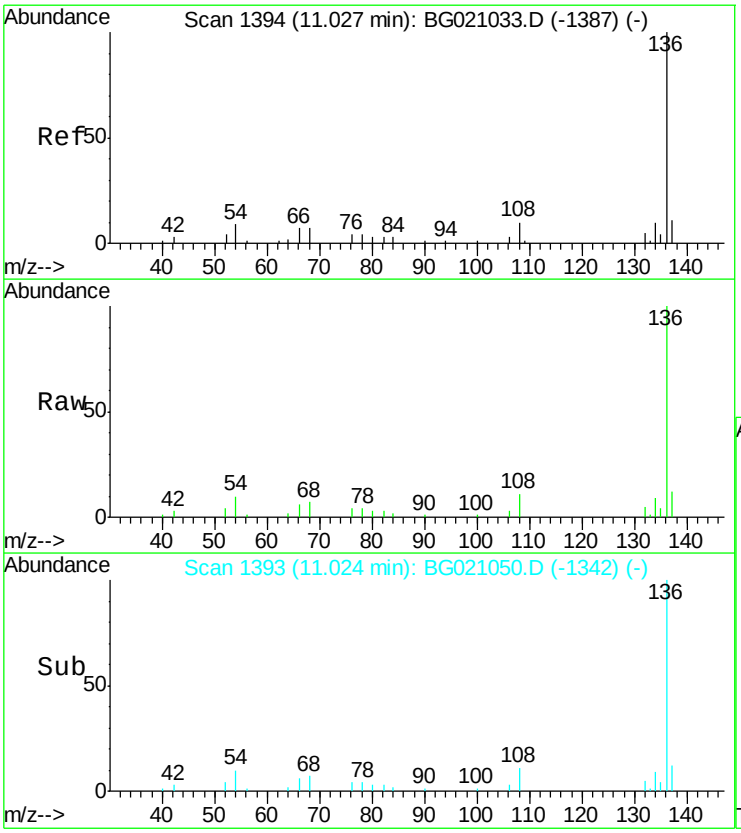
#7
Phenol-d6
Concen: 144.20 ng
RT: 7.41 min Scan# 778
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Instrument :
BNA_G
ClientSampleId :
POST-EX-14-20160211

Tgt Ion: 99 Resp: 67400

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.2	19.8
71	33.8	25.2	37.8

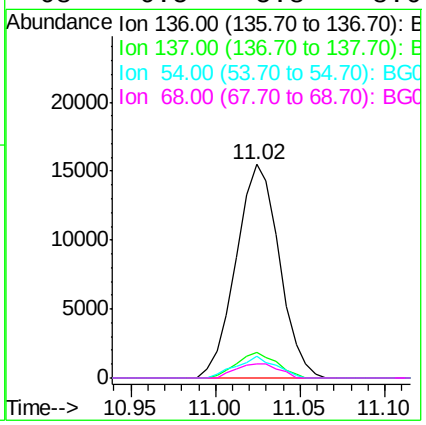


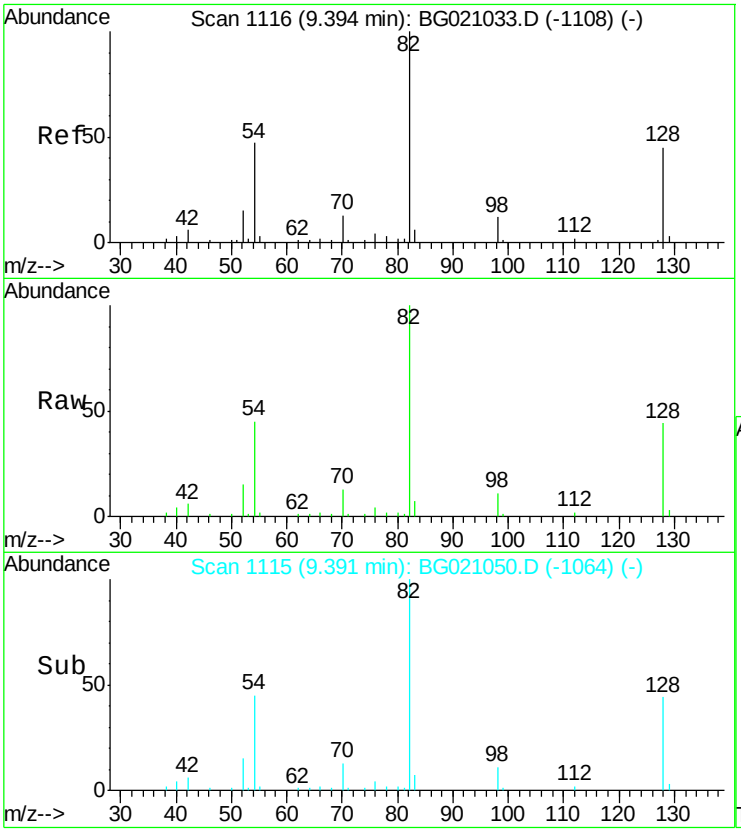


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Tgt Ion:136 Resp: 27572

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.8	13.2
54	10.0	6.9	10.3
68	6.5	5.8	8.6



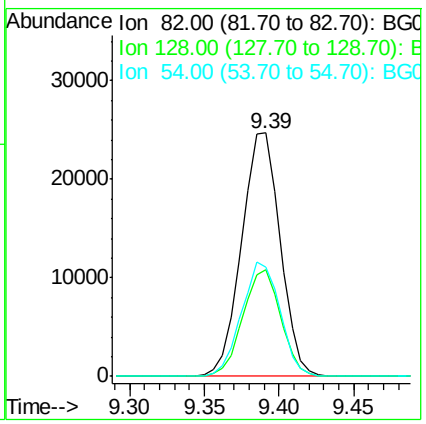


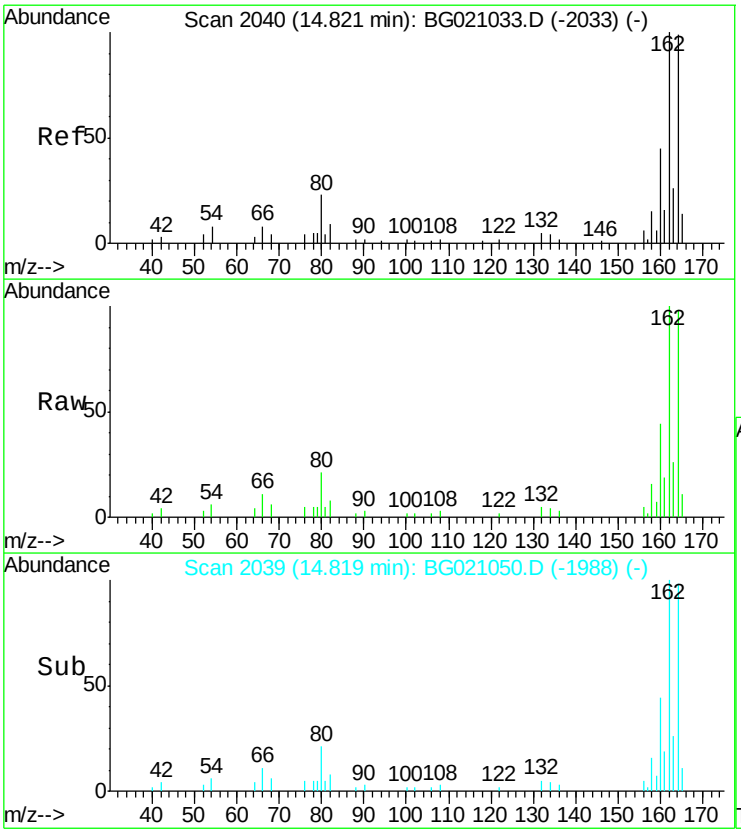
#23
Nitrobenzene-d5
Concen: 94.27 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Instrument :
BNA_G
ClientSampleId :
POST-EX-14-20160211

Tgt Ion: 82 Resp: 44271

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.3	54.5
54	45.1	37.6	56.4

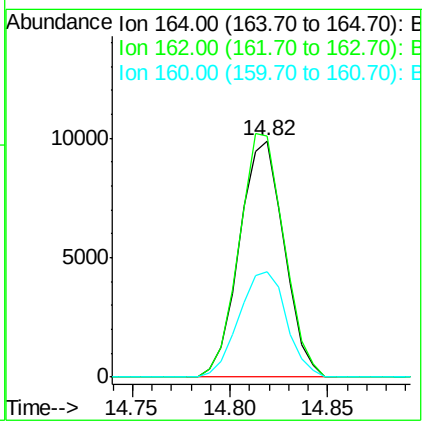


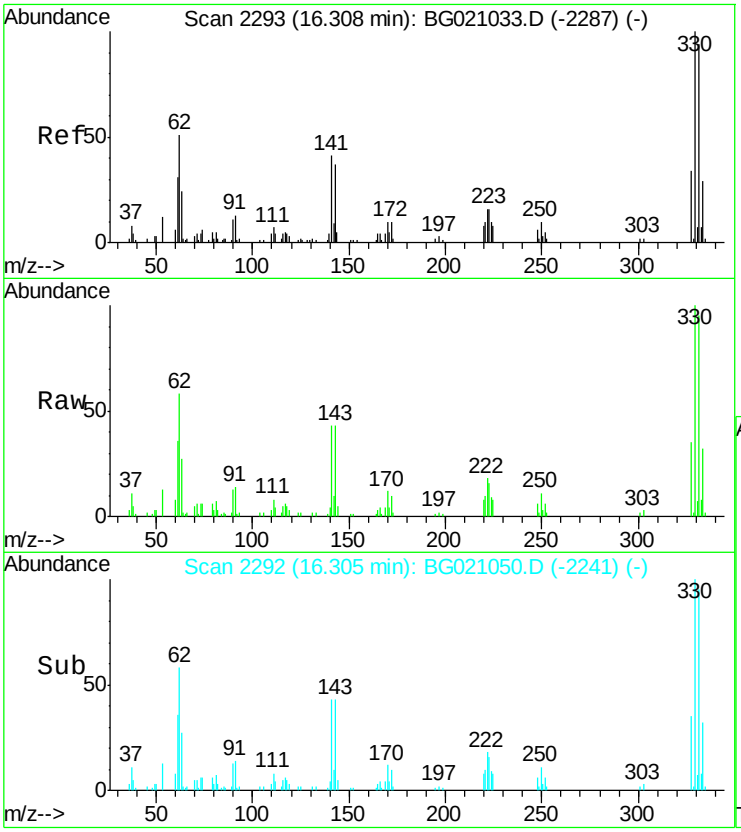


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Tgt Ion:164 Resp: 15675

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	44.7	36.5	54.7



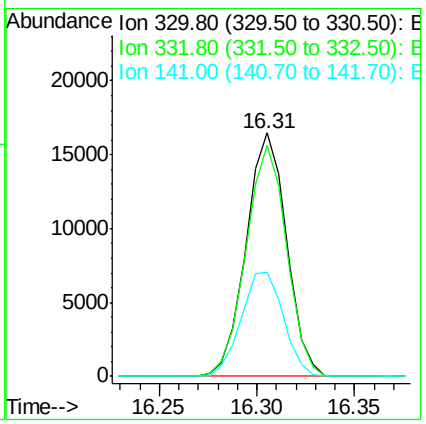


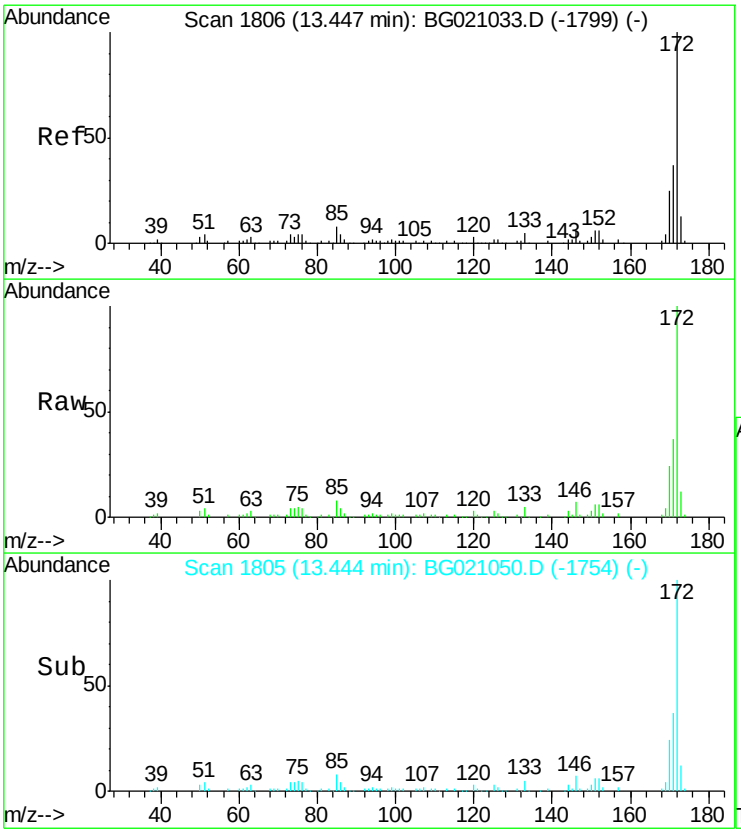
#41
2,4,6-Tribromophenol
Concen: 125.67 ng
RT: 16.31 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Instrument :
BNA_G
ClientSampleId :
POST-EX-14-20160211

Tgt Ion:330 Resp: 23598

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.0
141	44.6	35.3	52.9

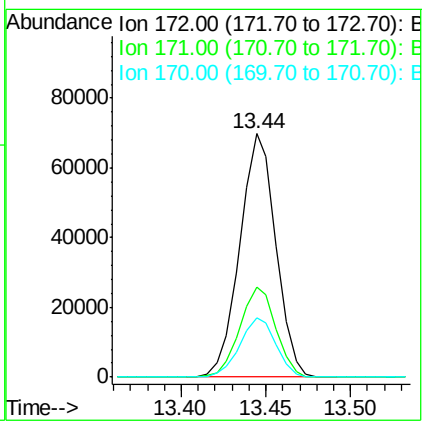


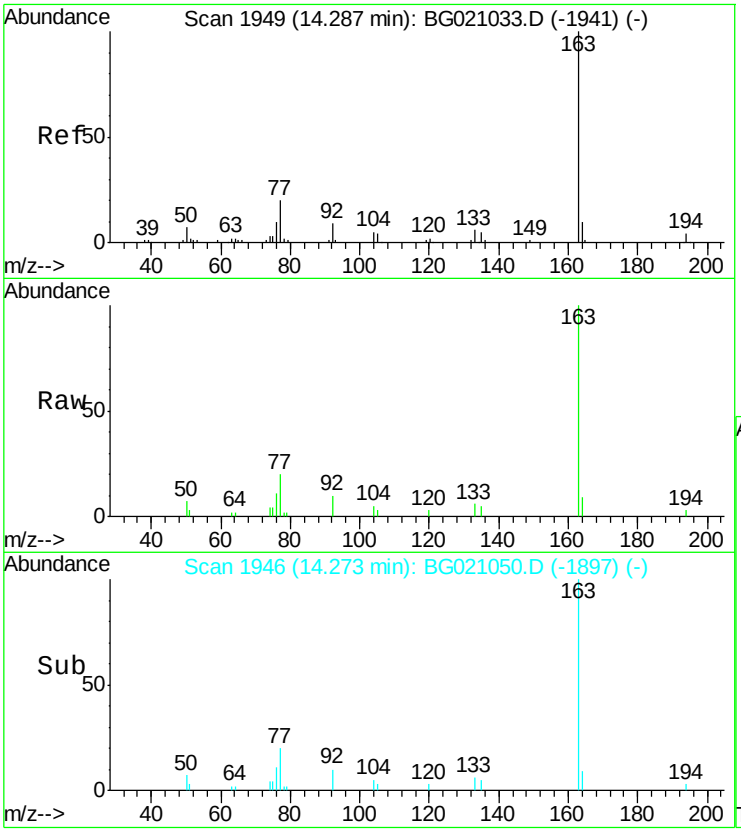


#44
2-Fluorobiphenyl
Concen: 91.74 ng
RT: 13.44 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Tgt Ion:172 Resp: 103301

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.5	19.8	29.8



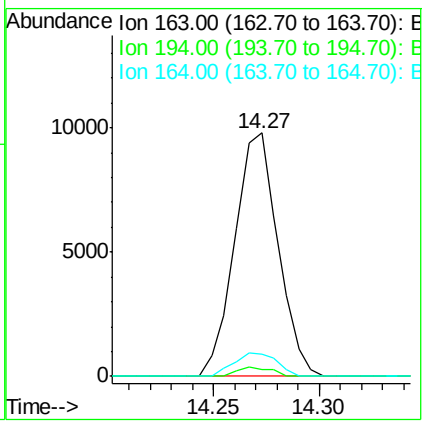


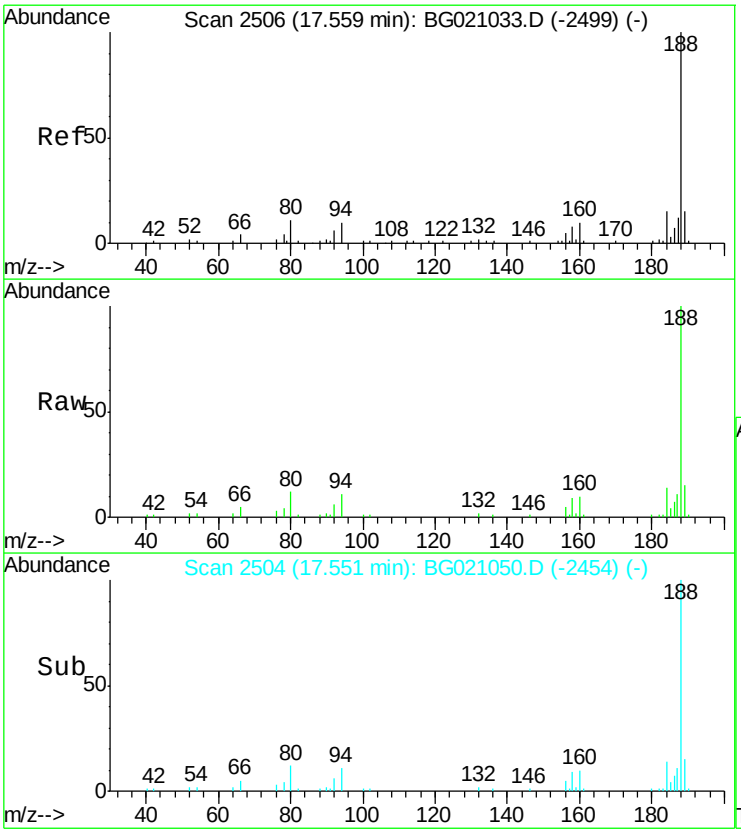
#49
Dimethylphthalate
Concen: 10.90 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Instrument :
BNA_G
ClientSampleId :
POST-EX-14-20160211

Tgt Ion:163 Resp: 13929

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	8.9	7.9	11.9

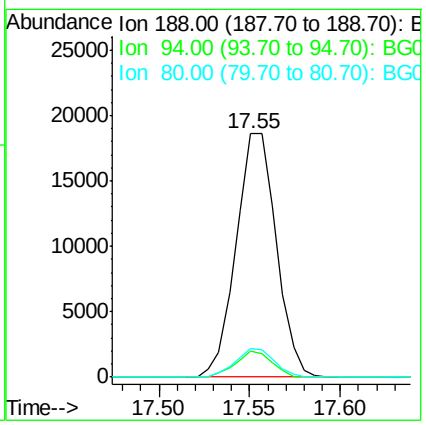


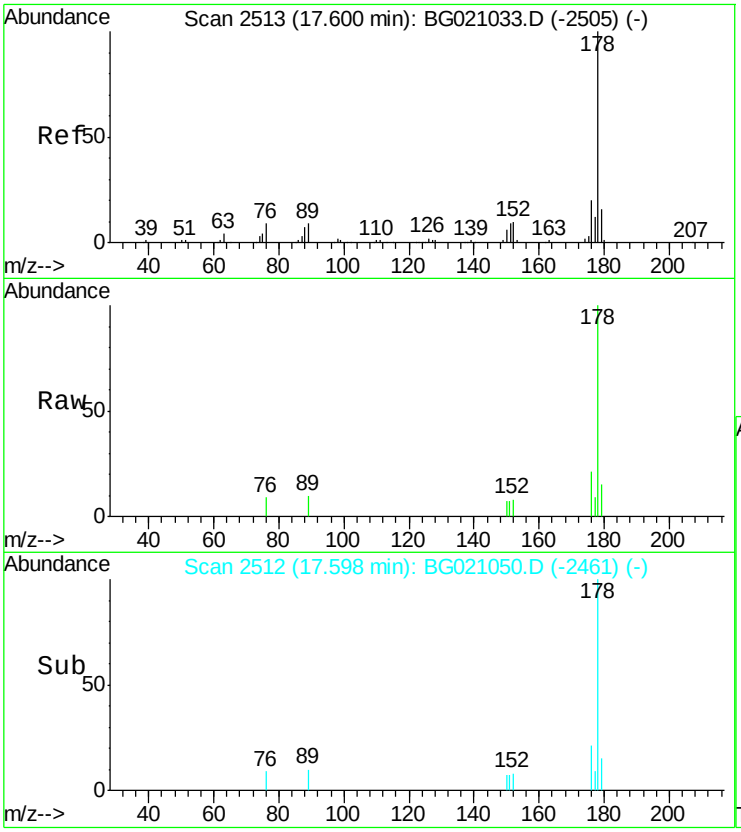


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Tgt Ion:188 Resp: 28673

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.4
80	11.6	9.2	13.8



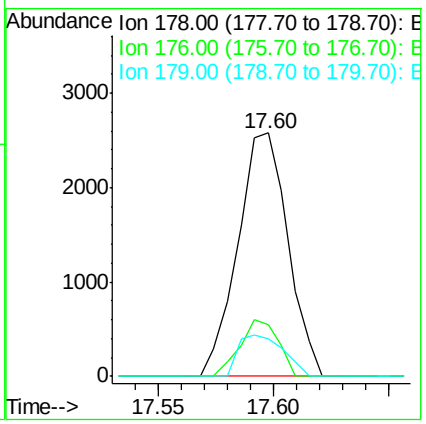


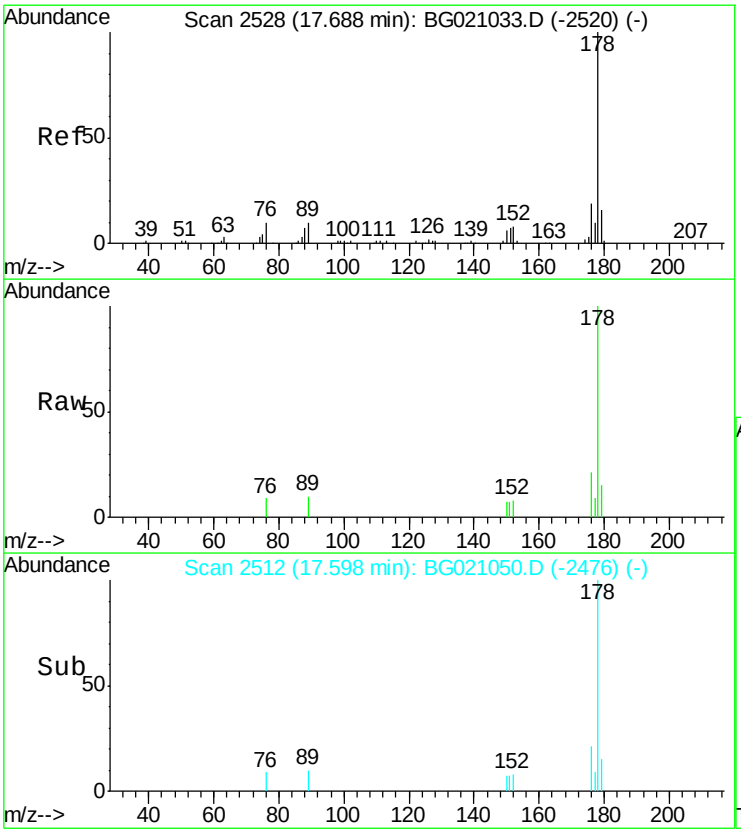
#70
Phenanthrene
Concen: 2.40 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Instrument :
BNA_G
ClientSampleId :
POST-EX-14-20160211

Tgt Ion:178 Resp: 3886

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	15.2	12.9	19.3

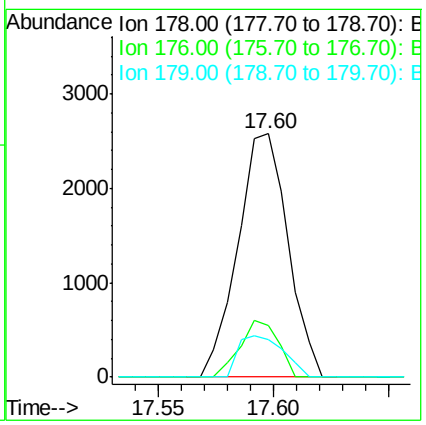


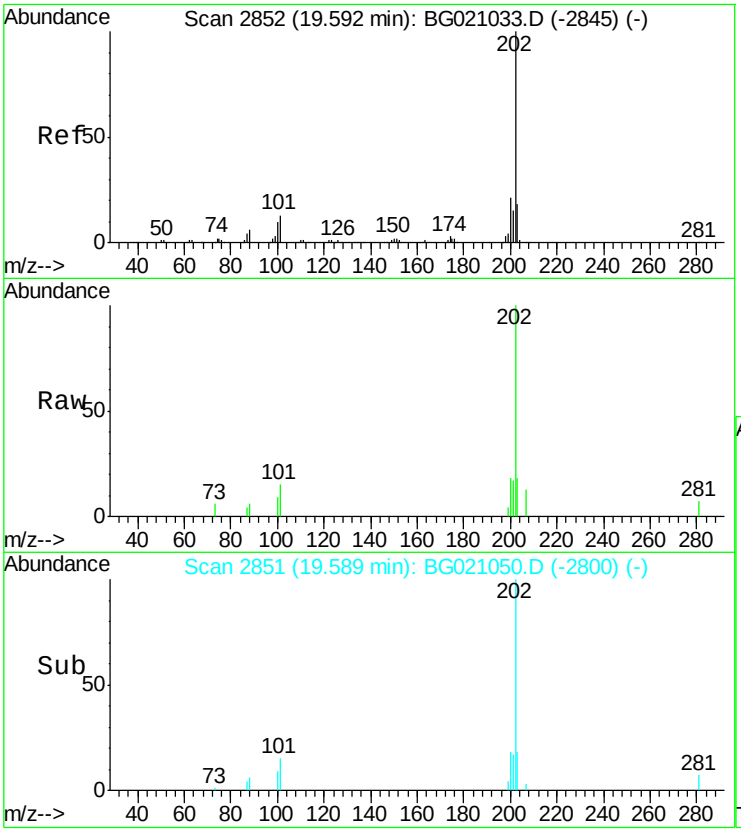


#71
Anthracene
Concen: 2.40 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.09 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Tgt Ion:178 Resp: 3886

Ion	Ratio	Lower	Upper
178	100		
176	21.2	14.8	22.2
179	15.2	12.6	19.0



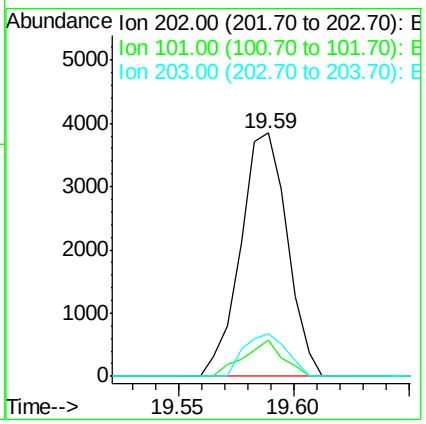


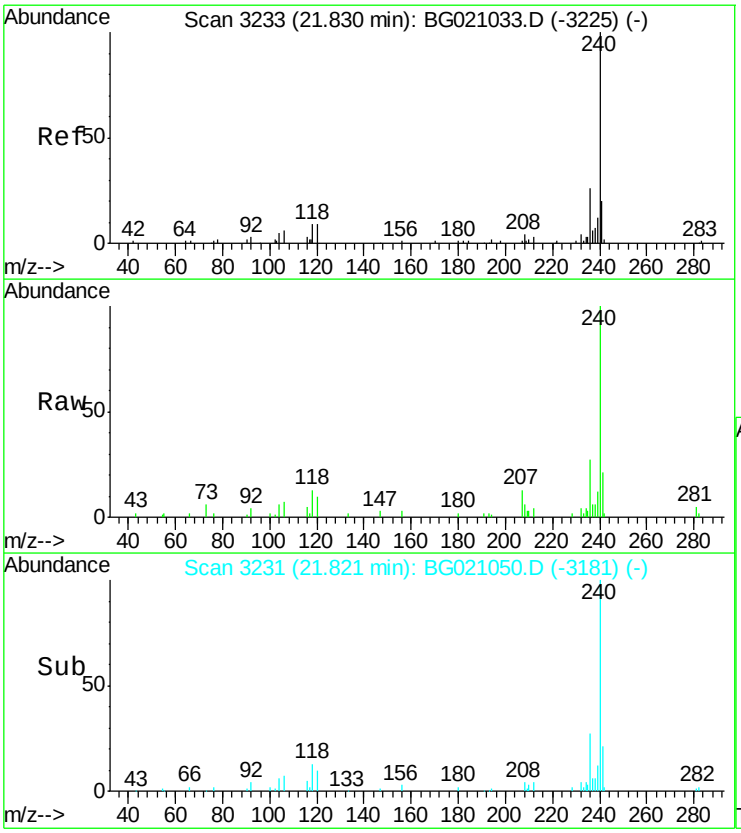
#74
Fluoranthene
Concen: 3.32 ng
RT: 19.59 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Instrument :
BNA_G
ClientSampleId :
POST-EX-14-20160211

Tgt Ion:202 Resp: 5416

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	32.5
203	17.8	0.0	37.6

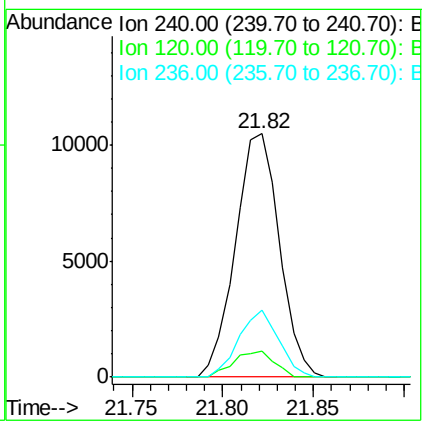


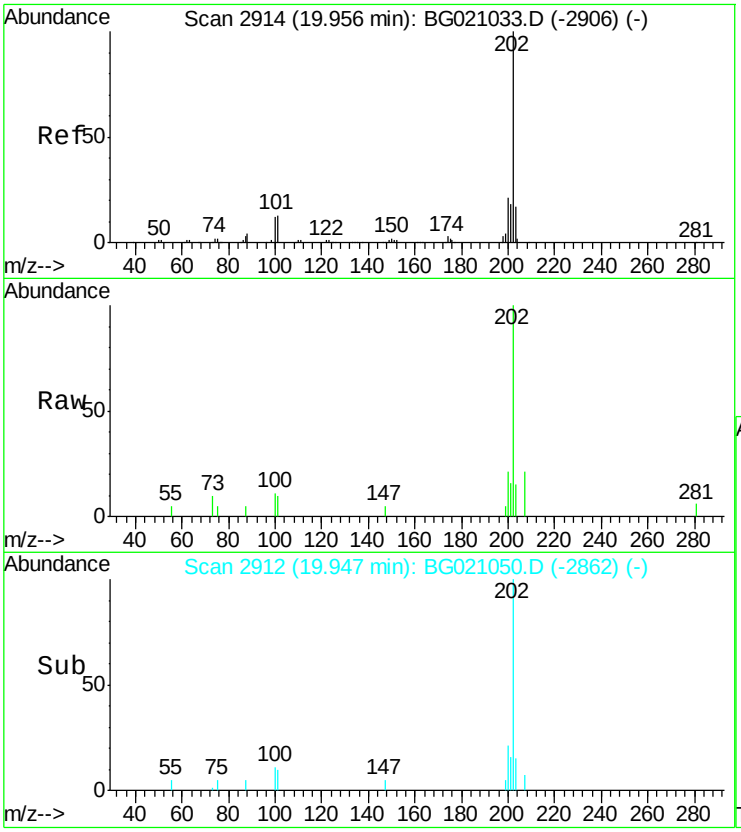


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Tgt Ion:240 Resp: 17696

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.5	11.3
236	27.3	20.5	30.7



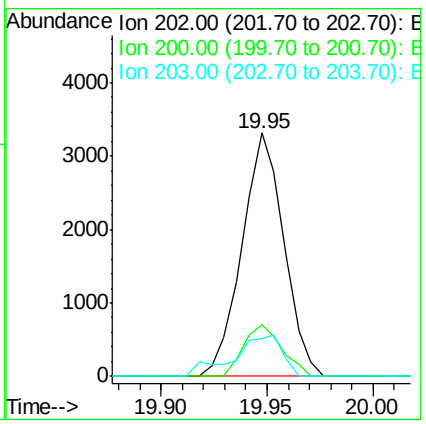


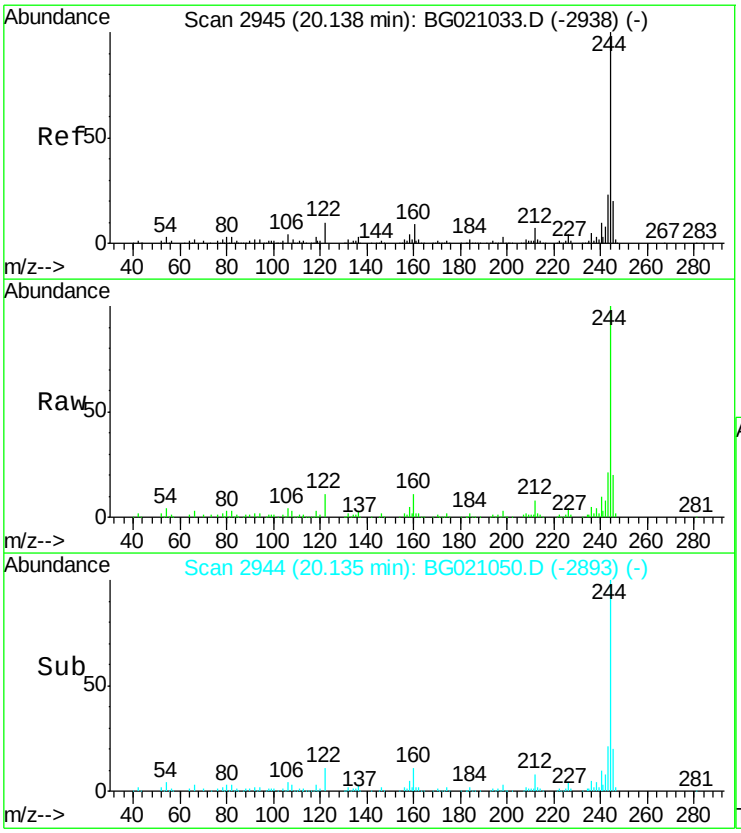
#77
Pyrene
Concen: 2.26 ng
RT: 19.95 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Instrument :
BNA_G
ClientSampleId :
POST-EX-14-20160211

Tgt Ion:202 Resp: 4569

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	15.5	13.8	20.8

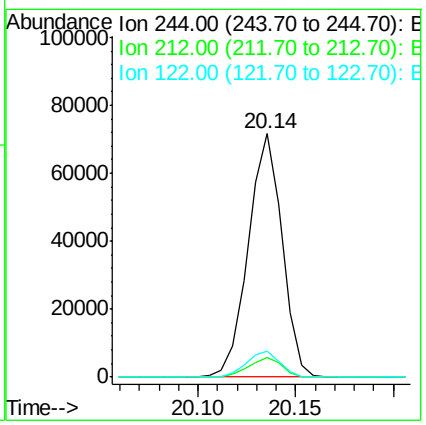


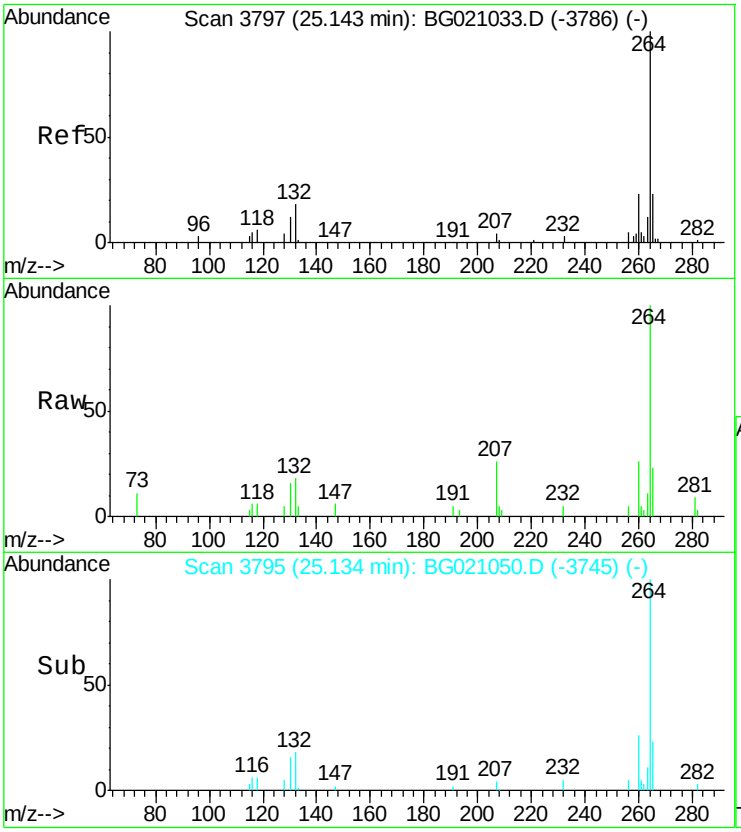


#78
Terphenyl-d14
Concen: 62.87 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Tgt Ion:244 Resp: 85729

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	10.5	8.3	12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3795
Delta R.T. -0.01 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Instrument :
BNA_G
ClientSampleId :
POST-EX-14-20160211

Tgt Ion:264 Resp: 16731

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.5	27.7
265	22.6	18.6	28.0