Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021065.D
Acq On : 24 Feb 2016 23:51
Operator : UM/SJ
Sample : H1521-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-3+20(0-2)

Quant Time: Feb 25 03:46:59 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	8.21	152	5266	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	26715	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	13791	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	22792	20.00	ng		0.00
75) Chrysene-d12	21.83	240	16390	20.00	ng		0.00
86) Perylene-d12	25.16	264	13876	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.78	112	43376	144.41	ng		0.00
7) Phenol-d6	7.41	99	65714	142.06	ng		0.00
23) Nitrobenzene-d5	9.39	82	43964	96.62	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	20584	124.59	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	82163	82.94	ng		0.00
78) Terphenyl-d14	20.14	244	55967	44.31	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.27	163	15567	13.84	ng		98
70) Phenanthrene	17.60	178	2613	2.03	ng	#	91
74) Fluoranthene	19.59	202	3245	2.50	ng		94

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

Quantitation Report (LSC Reviewed)

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Data File : BG021065.D
Acq On : 24 Feb 2016 23:51
Operator : UM/SJ
Sample : H1521-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)

Quant Time: Feb 25 03:46:59 2016
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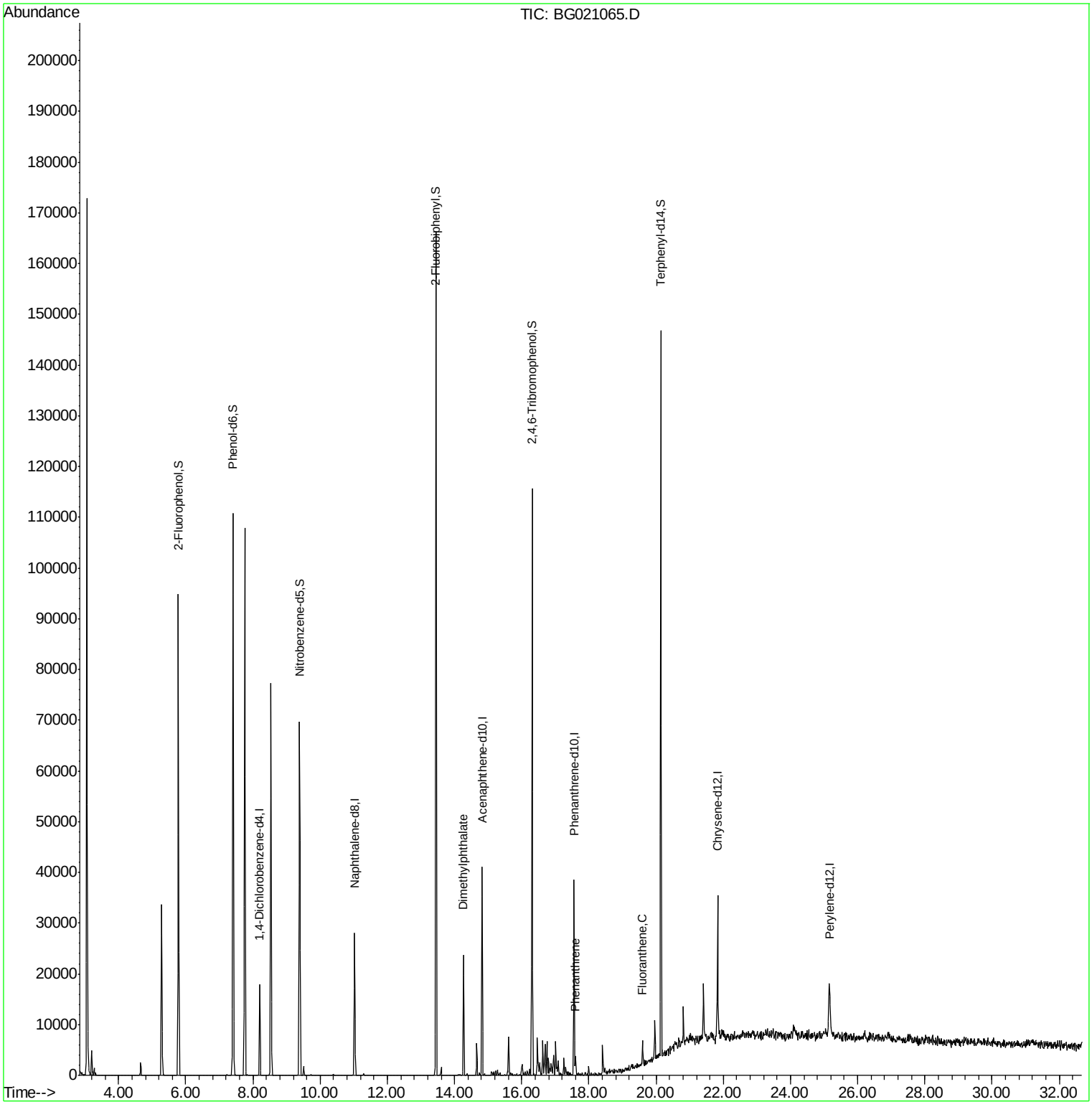
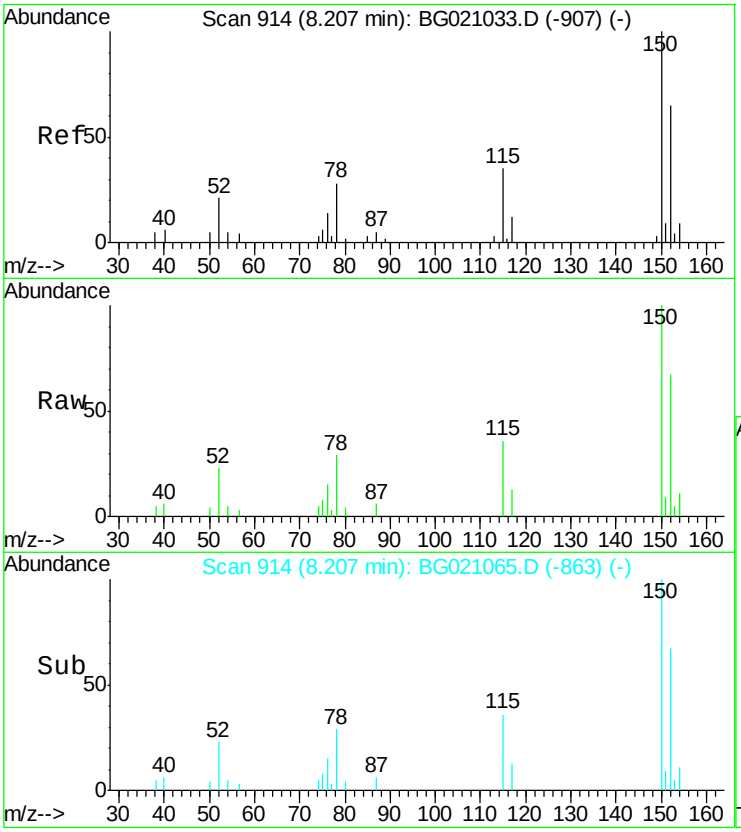


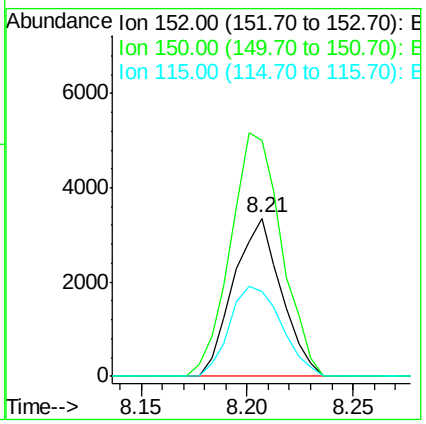


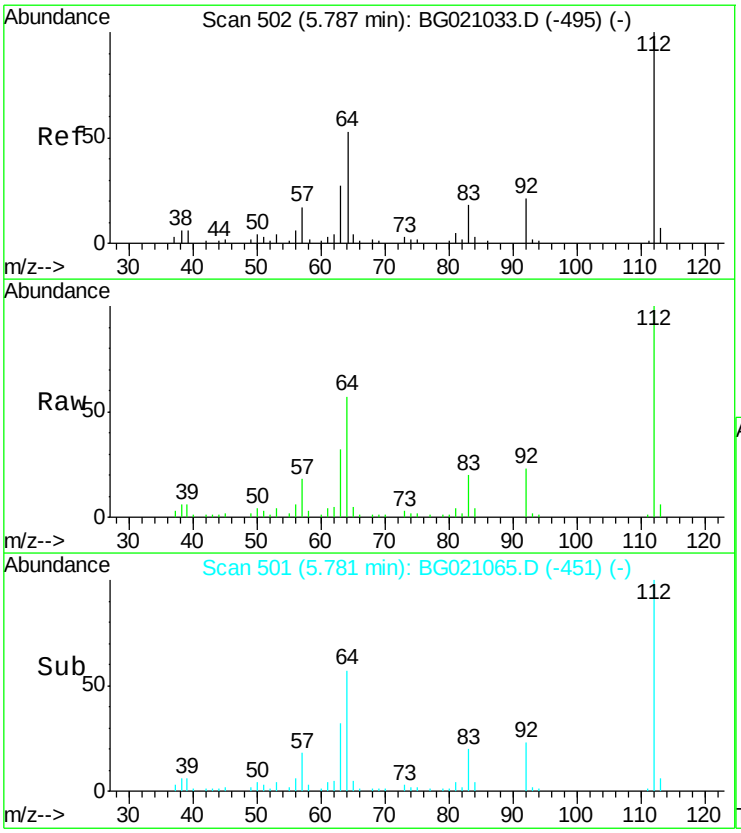
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)

Tgt Ion:152 Resp: 5266

Ion	Ratio	Lower	Upper
152	100		
150	149.6	123.4	185.2
115	53.9	43.3	64.9

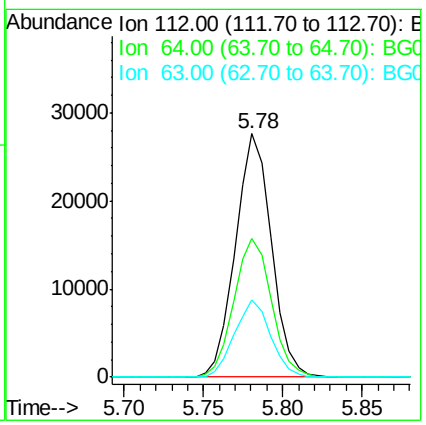


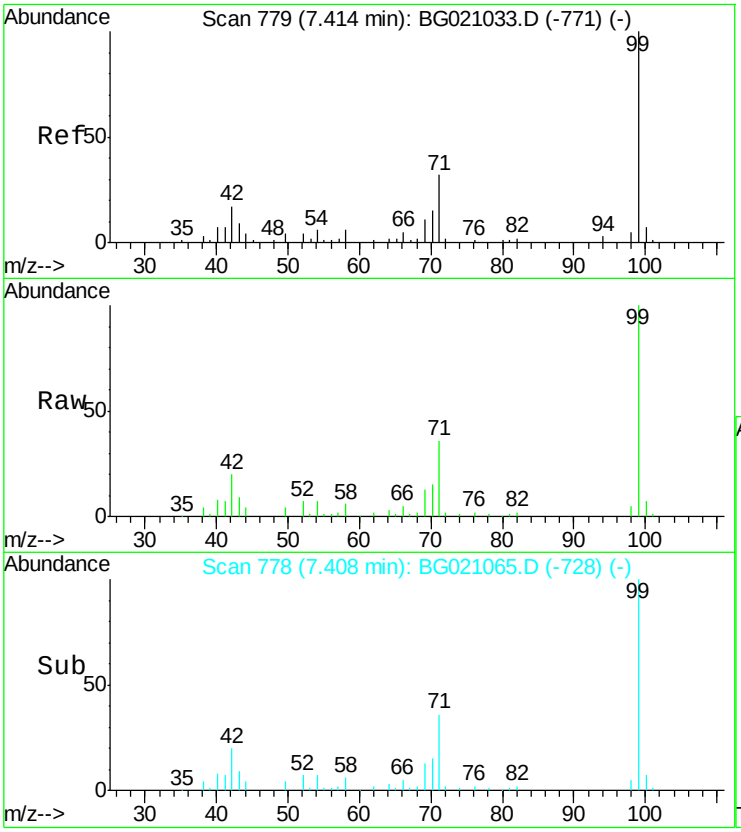


#5
2-Fluorophenol
Concen: 144.41 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.01 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Tgt Ion:112 Resp: 43376

Ion	Ratio	Lower	Upper
112	100		
64	56.9	42.6	63.8
63	31.5	21.7	32.5



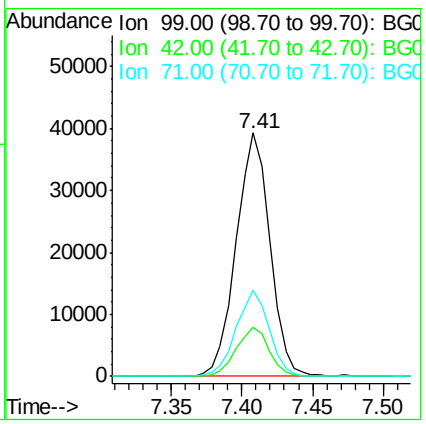


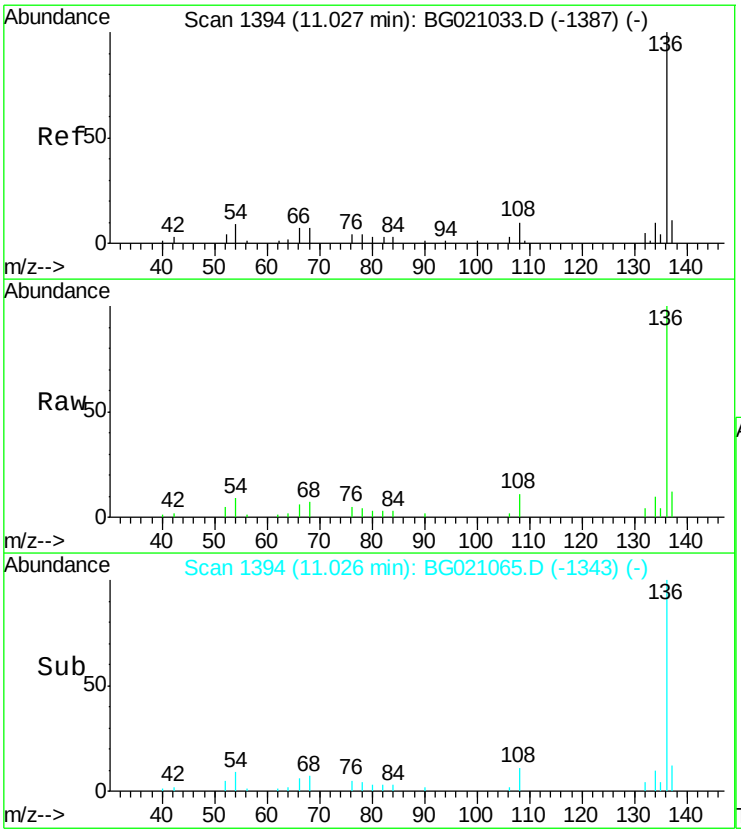
#7
Phenol-d6
Concen: 142.06 ng
RT: 7.41 min Scan# 778
Delta R.T. -0.01 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)

Tgt Ion: 99 Resp: 65714

Ion	Ratio	Lower	Upper
99	100		
42	20.2	13.2	19.8#
71	35.6	25.2	37.8

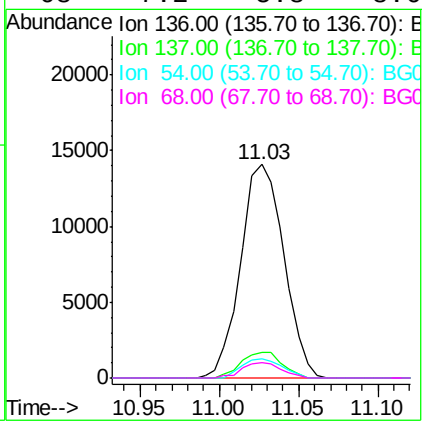


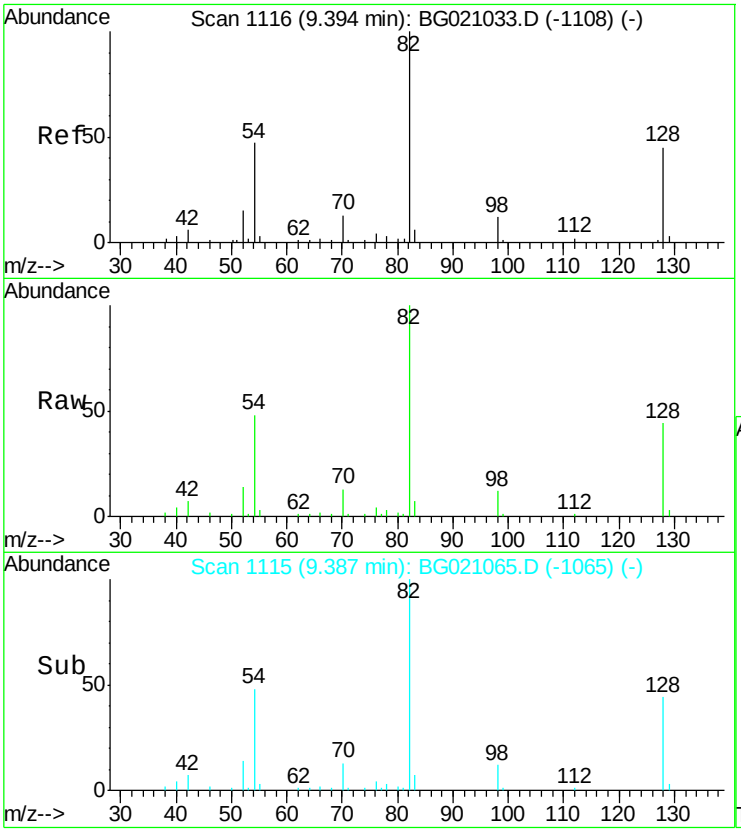


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Tgt Ion:136 Resp: 26715

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	8.8	6.9	10.3
68	7.2	5.8	8.6



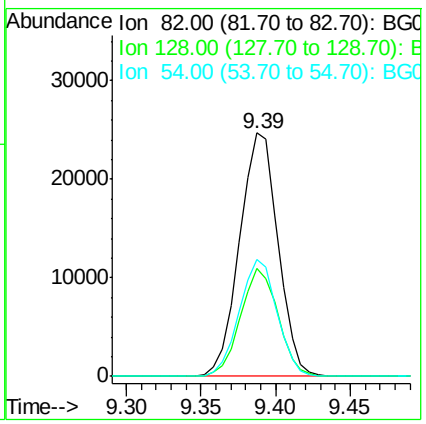


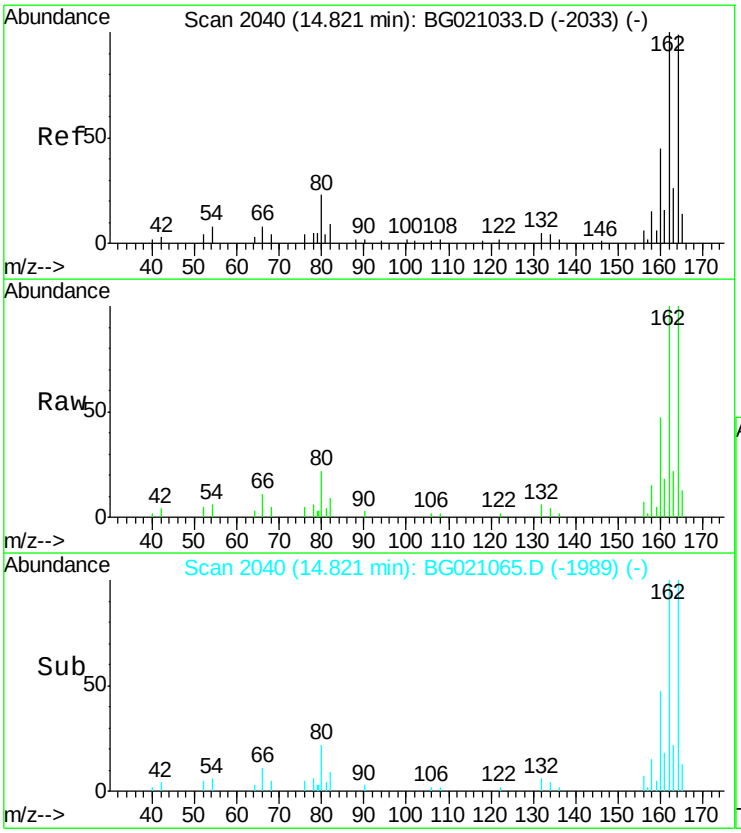
#23
Nitrobenzene-d5
Concen: 96.62 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)

Tgt Ion: 82 Resp: 43964

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.3	54.5
54	48.2	37.6	56.4

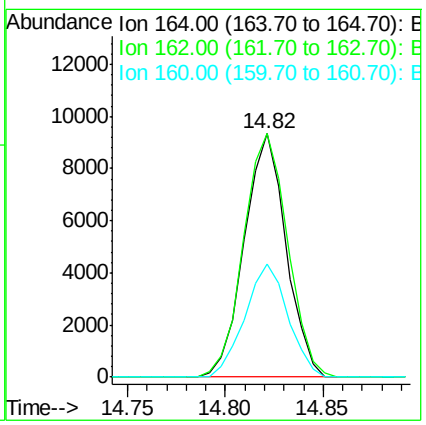


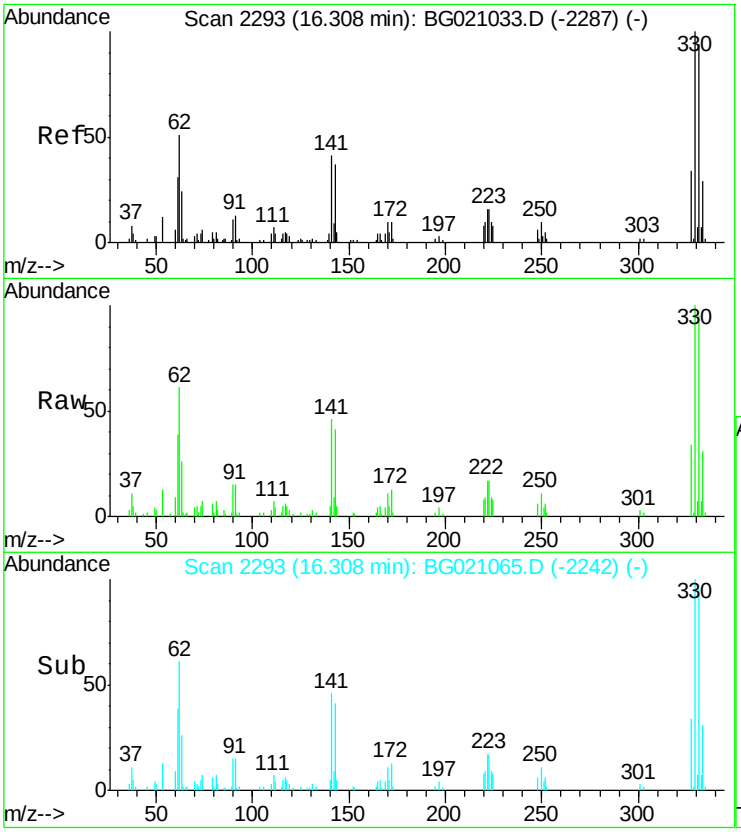


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Tgt Ion:164 Resp: 13791

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	46.6	36.5	54.7



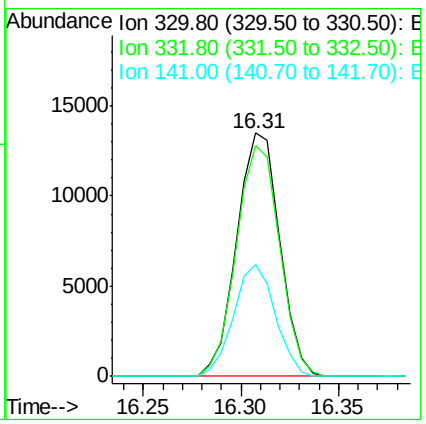


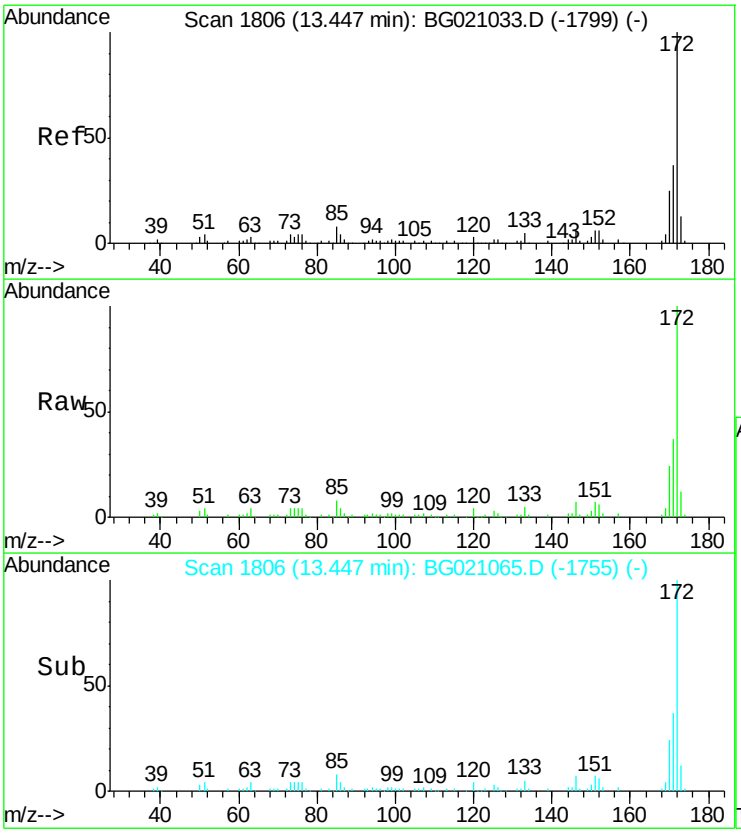
#41
2,4,6-Tribromophenol
Concen: 124.59 ng
RT: 16.31 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)

Tgt Ion:330 Resp: 20584

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.0
141	44.3	35.3	52.9

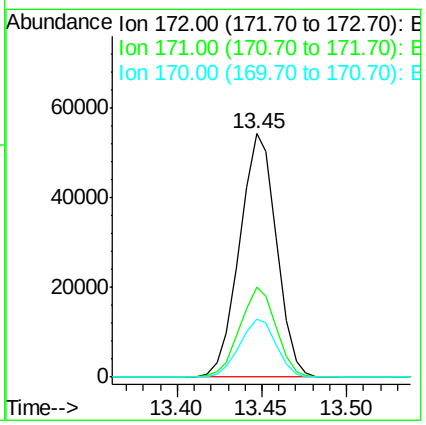


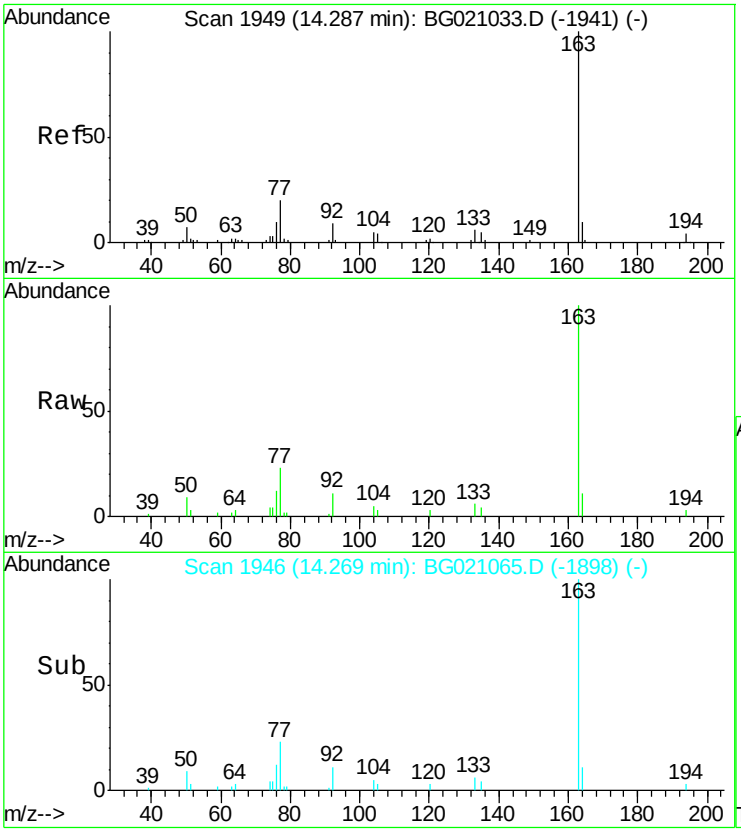


#44
2-Fluorobiphenyl
Concen: 82.94 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Tgt Ion:172 Resp: 82163

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	23.9	19.8	29.8



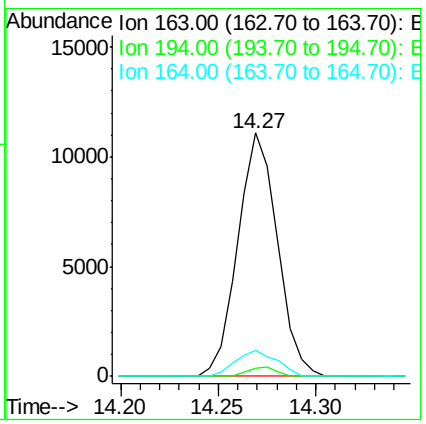


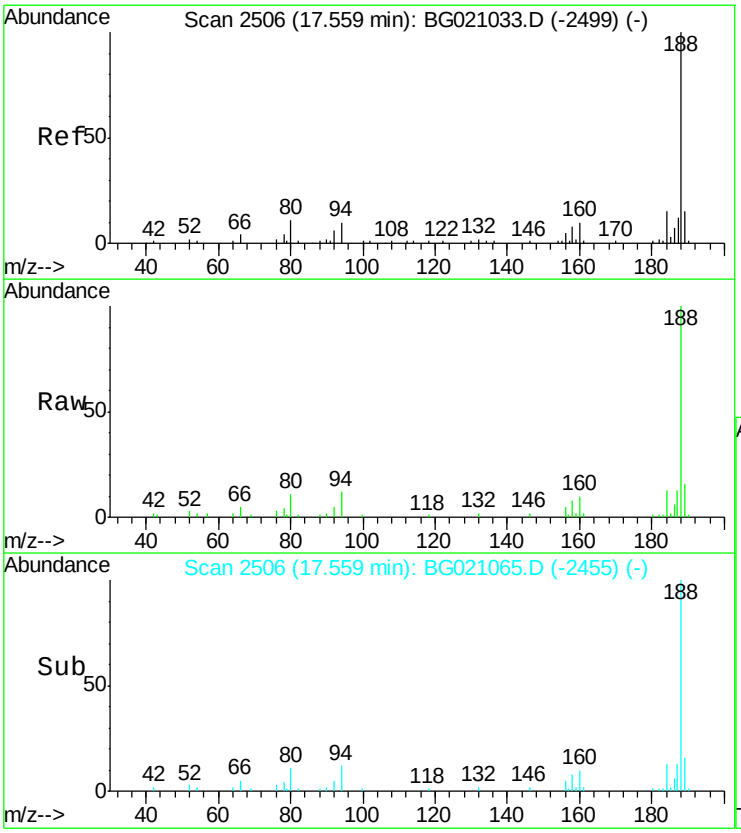
#49
Dimethylphthalate
Concen: 13.84 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)

Tgt Ion:163 Resp: 15567

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.9	7.9	11.9

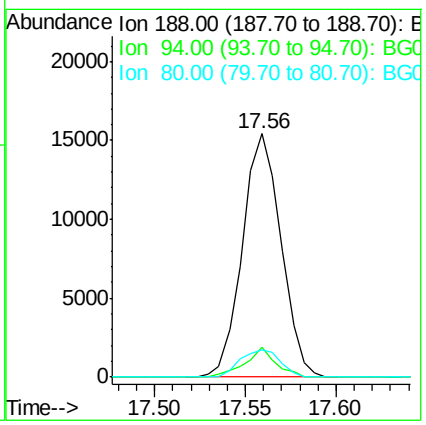


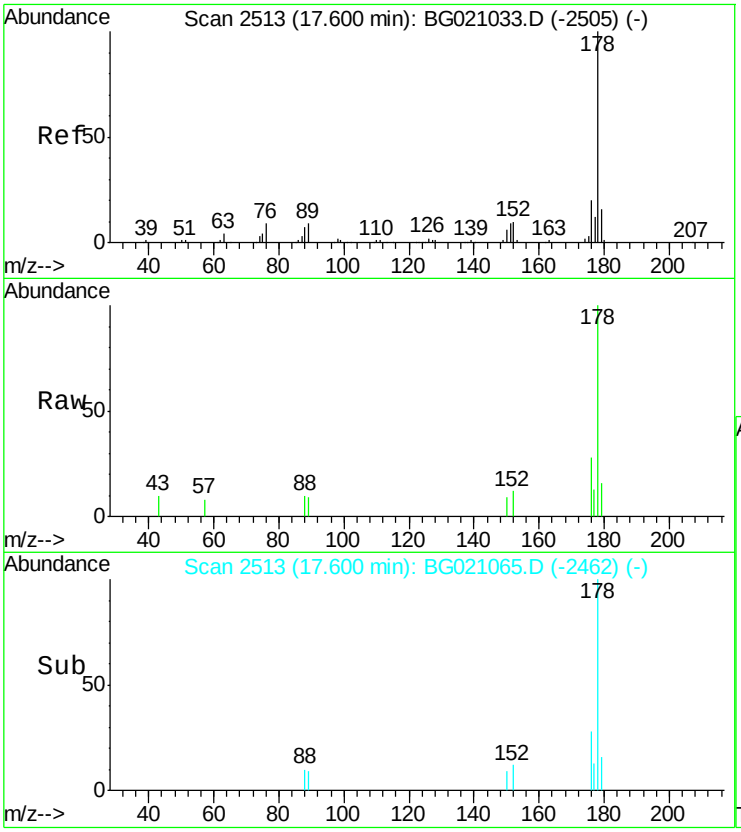


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Tgt Ion:188 Resp: 22792

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.2	12.4
80	11.4	9.2	13.8



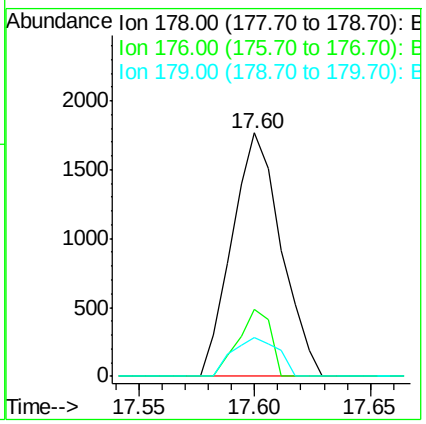


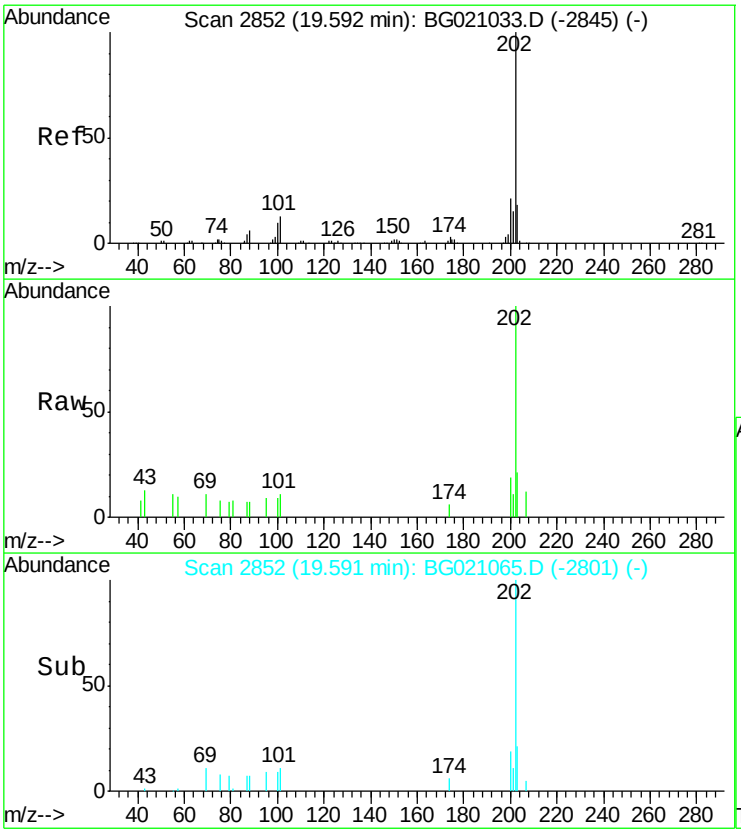
#70
Phenanthrene
Concen: 2.03 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)

Tgt Ion:178 Resp: 2613

Ion	Ratio	Lower	Upper
178	100		
176	27.5	16.2	24.4#
179	15.8	12.9	19.3

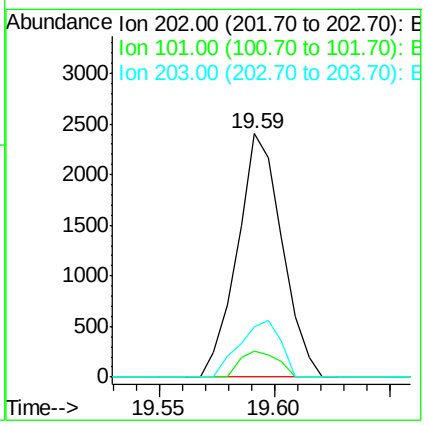


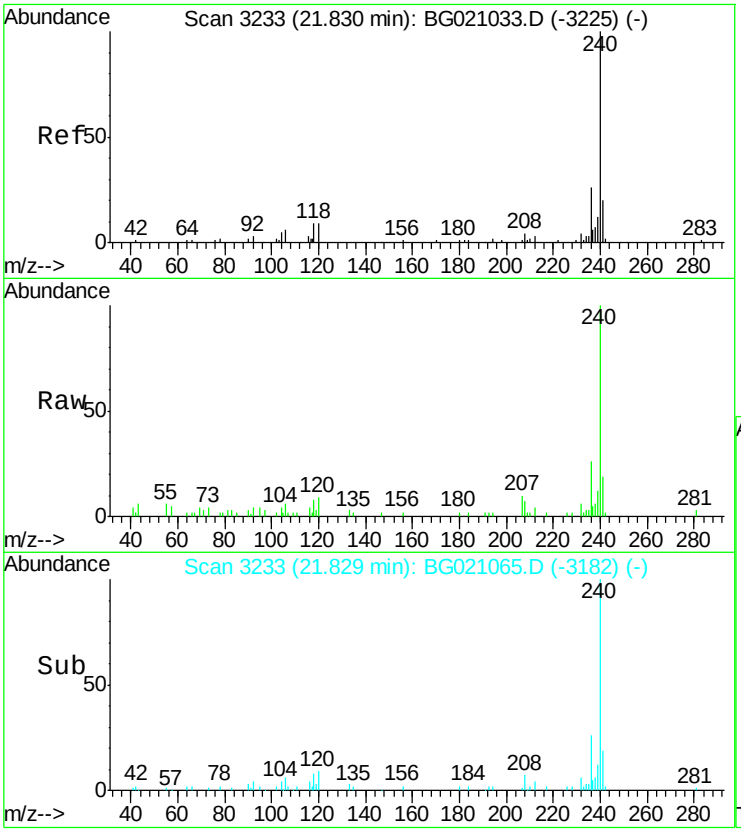


#74
Fluoranthene
Concen: 2.50 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Tgt Ion:202 Resp: 3245

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.5
203	20.5	0.0	37.6



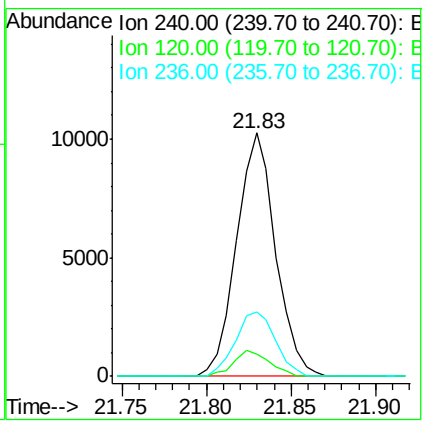


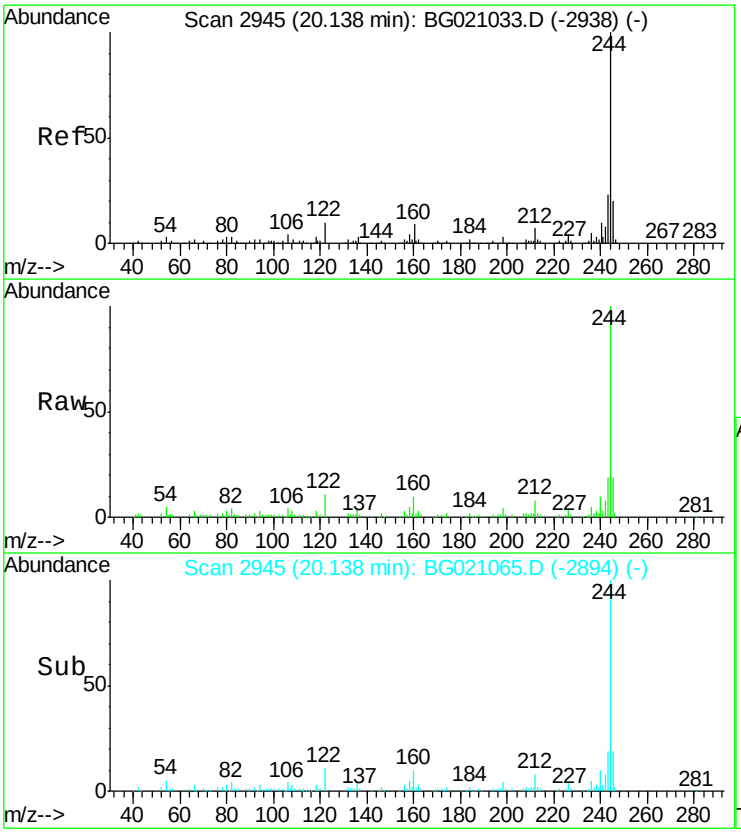
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)

Tgt Ion:240 Resp: 16390

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.5	11.3
236	26.4	20.5	30.7

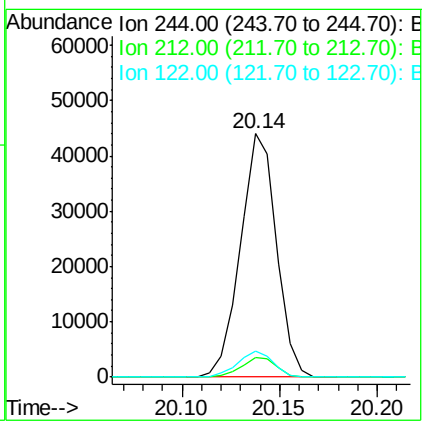


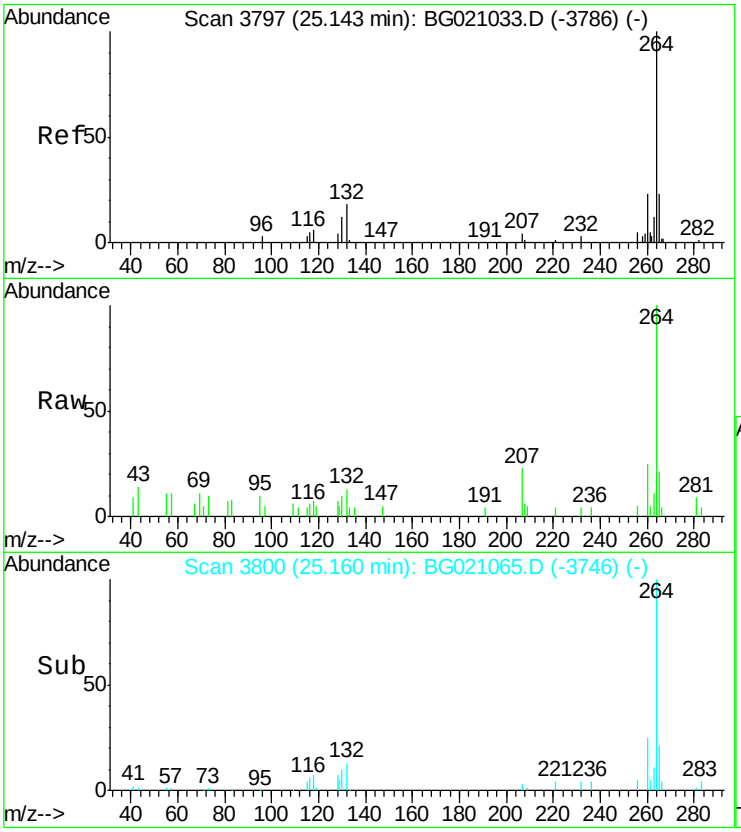


#78
Terphenyl-d14
Concen: 44.31 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Tgt Ion:244 Resp: 55967

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.6
122	10.9	8.3	12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. 0.02 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)

Tgt Ion:264 Resp: 13876

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.5	27.7
265	21.0	18.6	28.0