Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091715\
Data File : BG018715.D
Acq On : 16 Sep 2015 20:55
Operator : TP
Sample : G3651-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS063031

Quant Time: Sep 17 05:40:28 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41456	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	184210	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	140525	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	379360	20.00	ng	0.00
75) Chrysene-d12	21.63	240	398567	20.00	ng	0.00
86) Perylene-d12	24.81	264	397507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	143205	59.67	ng	0.00
7) Phenol-d6	7.16	99	131228	38.14	ng	0.00
23) Nitrobenzene-d5	9.16	82	303409	92.17	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	245935	129.98	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	885983	87.52	ng	0.00
78) Terphenyl-d14	19.98	244	1377538	90.76	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	11.69	113	12970	10.08	ng	98
49) Dimethylphthalate	14.07	163	35795	3.08	ng	98
51) Acenaphthene	14.69	154	22119	2.50	ng	97
54) Dibenzofuran	15.02	168	32607	2.37	ng	98
57) Fluorene	15.67	166	54617	4.61	ng	99
70) Phenanthrene	17.41	178	141938	7.11	ng	97
71) Anthracene	17.41	178	141938	7.02	ng	97
74) Fluoranthene	19.42	202	80344	3.25	ng	95

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091715\
Data File : BG018715.D
Acq On : 16 Sep 2015 20:55
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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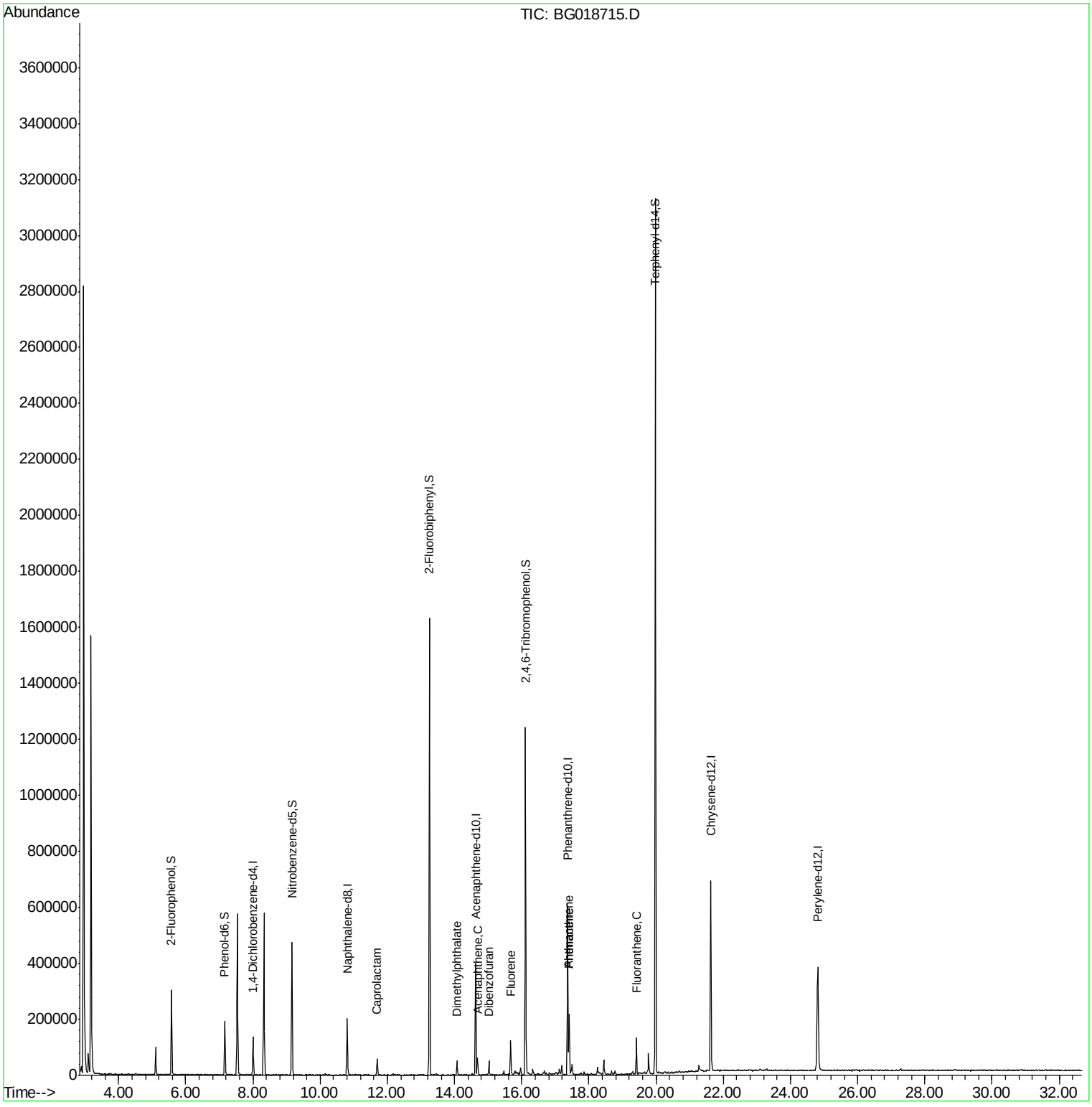
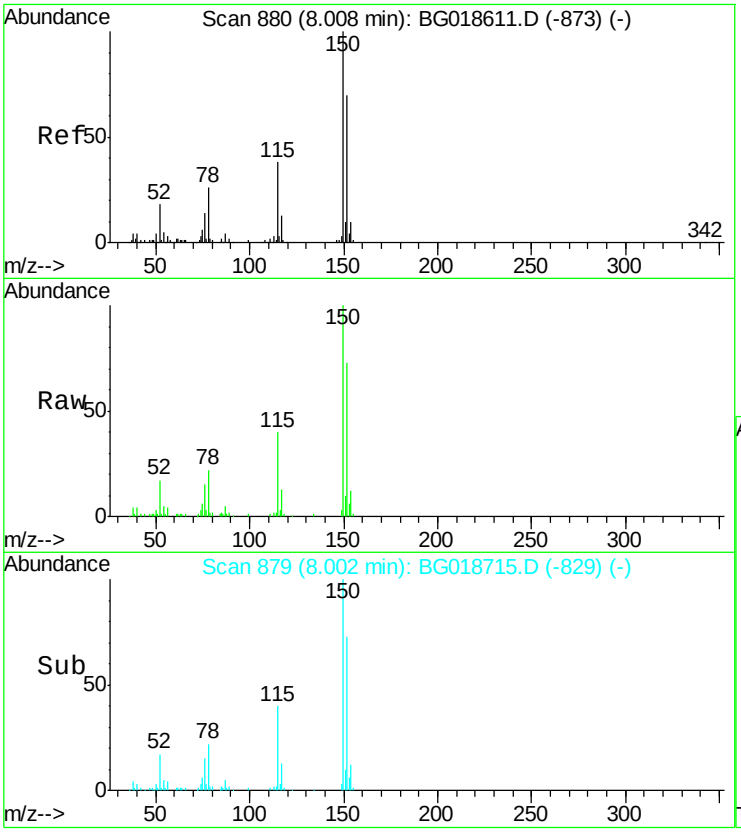


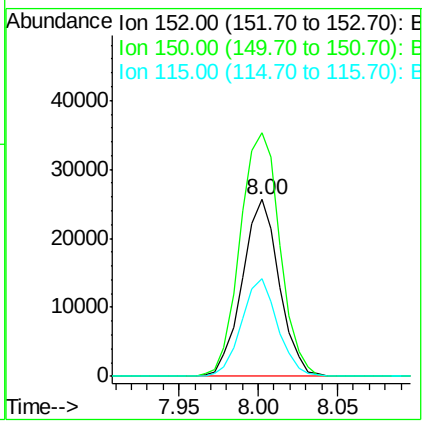


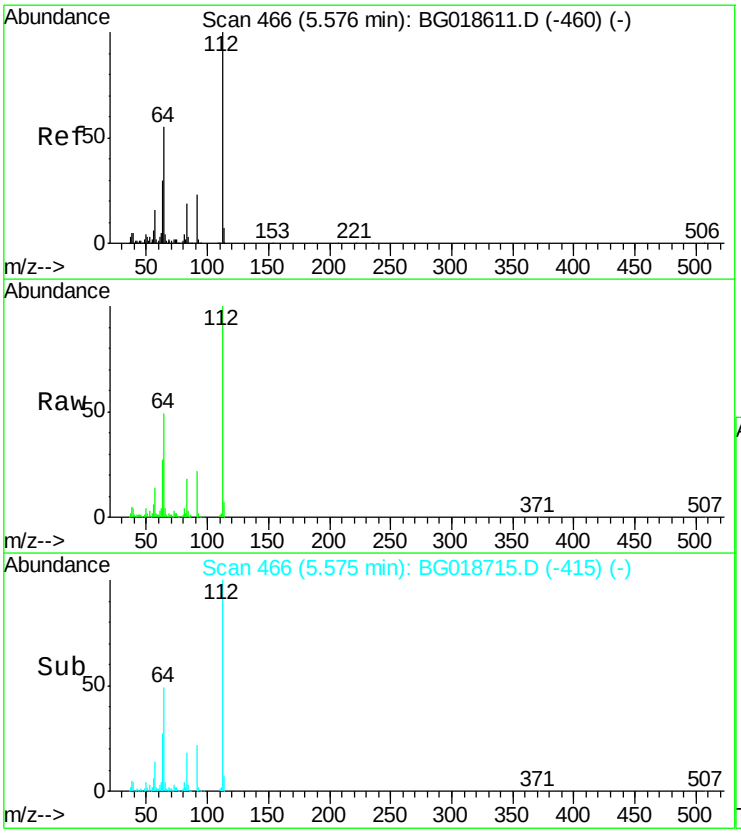
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tgt Ion:152 Resp: 41456

Ion	Ratio	Lower	Upper
152	100		
150	137.8	115.0	172.4
115	55.6	43.9	65.9

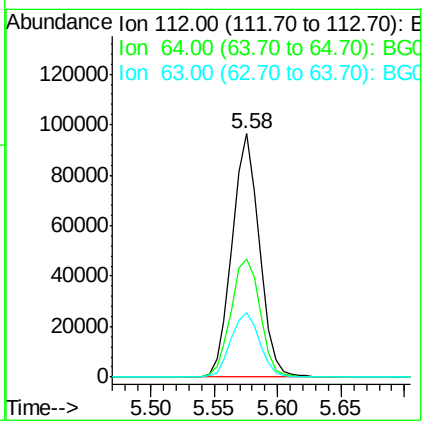


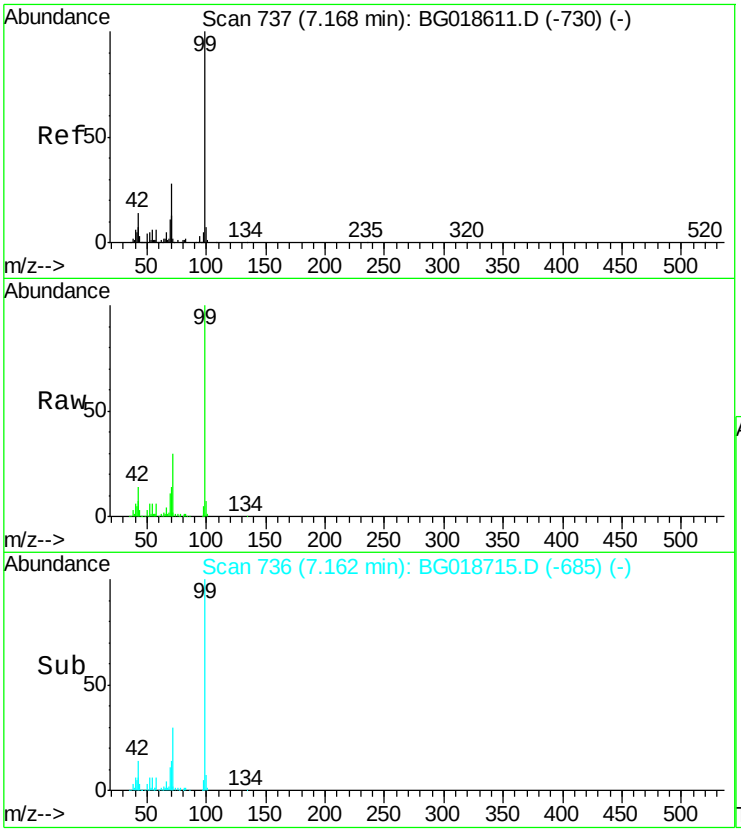


#5
2-Fluorophenol
Concen: 59.67 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:112 Resp: 143205

Ion	Ratio	Lower	Upper
112	100		
64	48.8	43.7	65.5
63	26.7	24.0	36.0



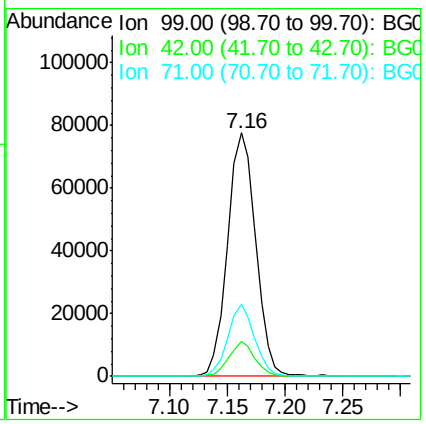


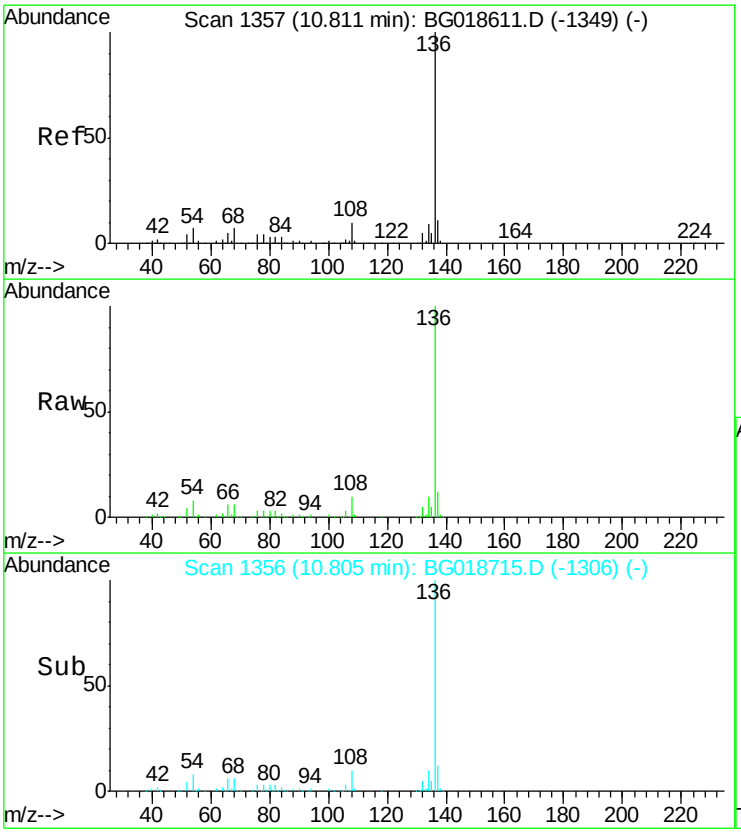
#7
Phenol-d6
Concen: 38.14 ng
RT: 7.16 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tgt Ion: 99 Resp: 131228

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.5	17.3
71	29.7	22.6	34.0

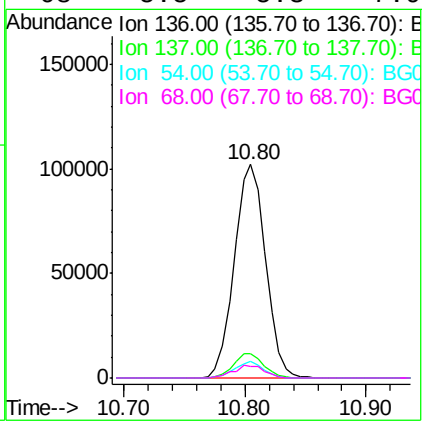


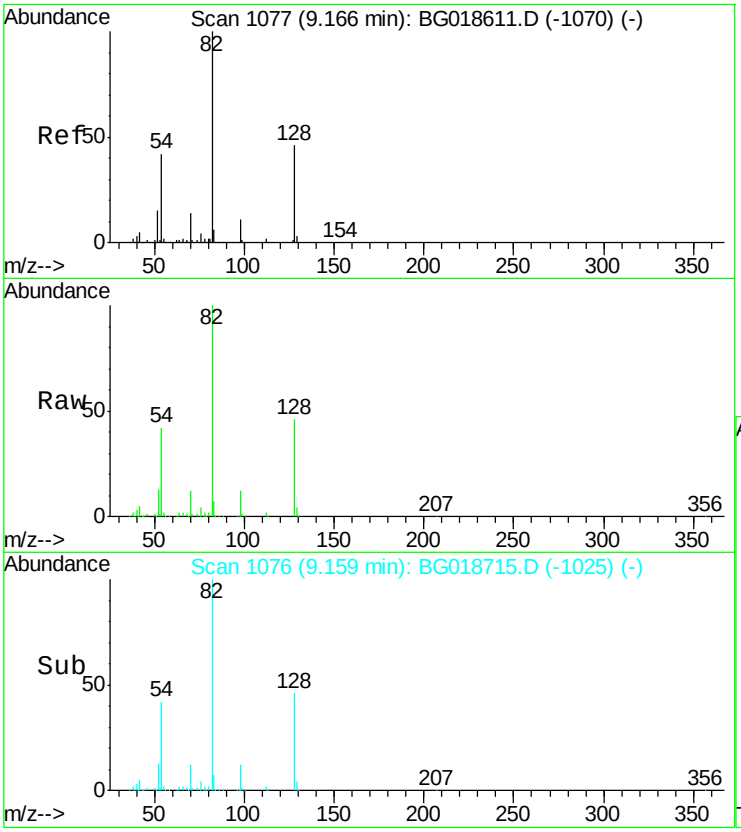


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.80 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:136 Resp: 184210

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	7.7	5.4	8.2
68	5.5	5.3	7.9



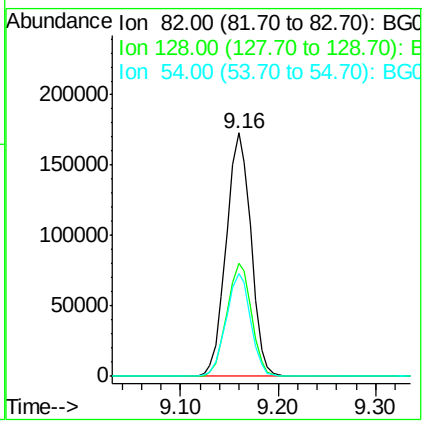


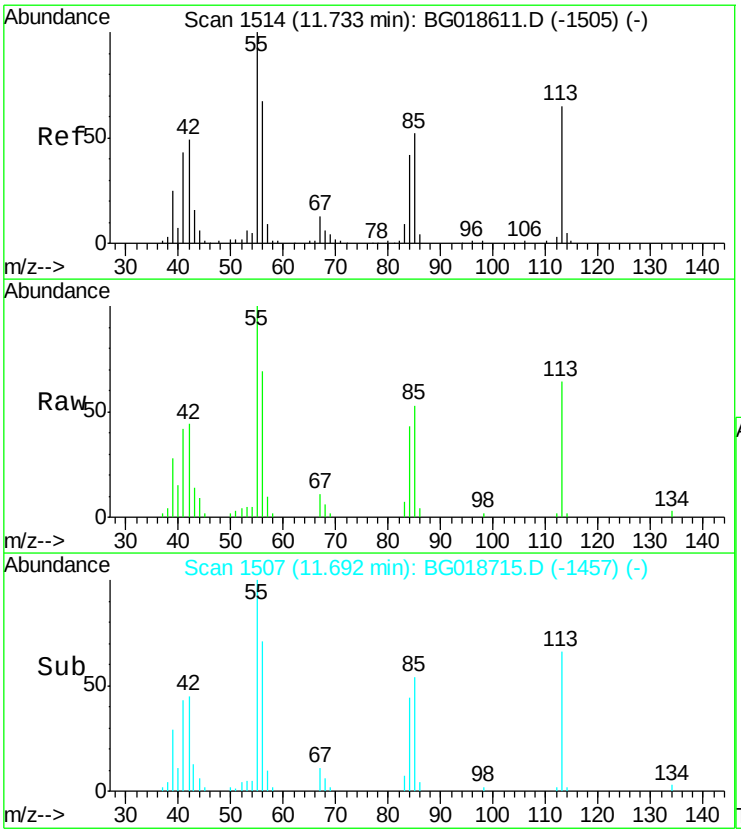
#23
Nitrobenzene-d5
Concen: 92.17 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tgt Ion: 82 Resp: 303409

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.7	55.1
54	42.1	33.8	50.8

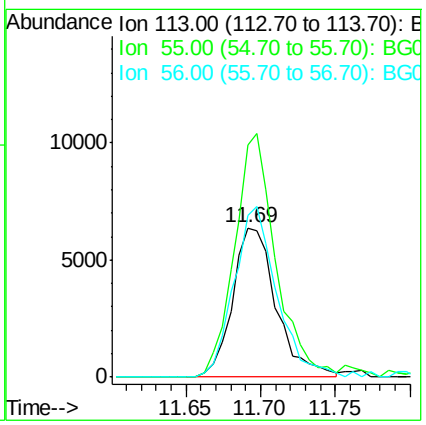


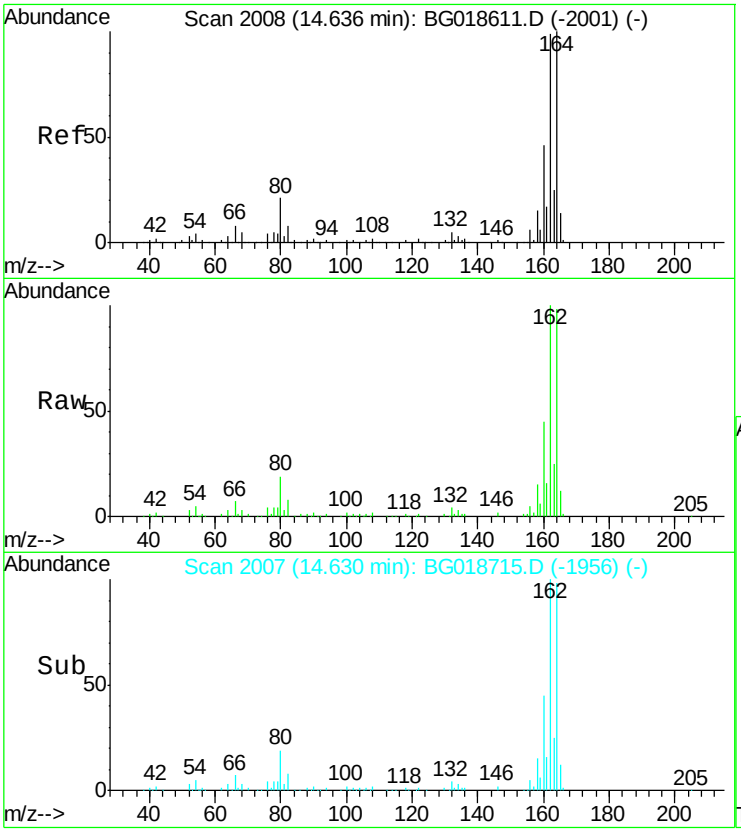


#35
Caprolactam
Concen: 10.08 ng
RT: 11.69 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:113 Resp: 12970

Ion	Ratio	Lower	Upper
113	100		
55	155.5	135.0	175.0
56	108.0	83.4	123.4



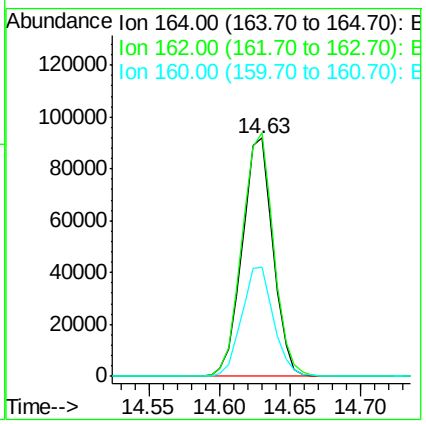


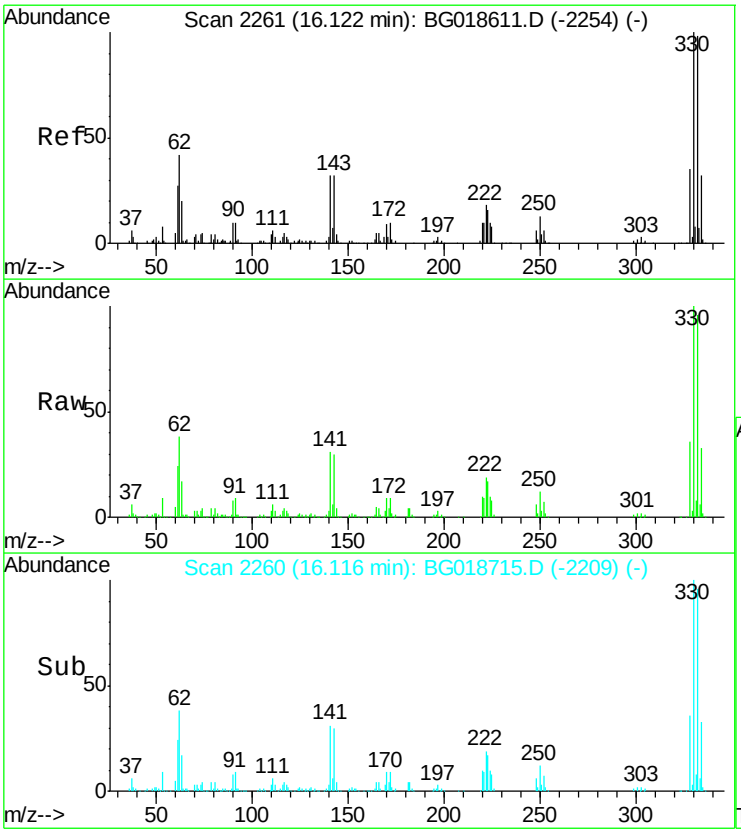
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tgt Ion:164 Resp: 140525

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	45.7	36.4	54.6

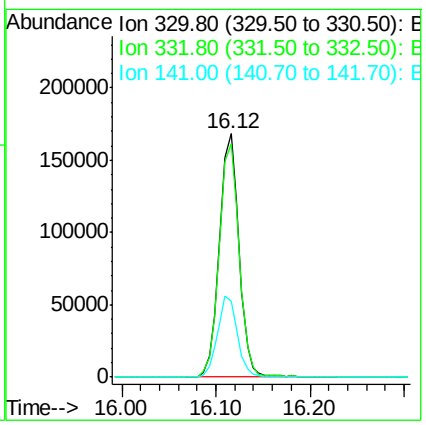


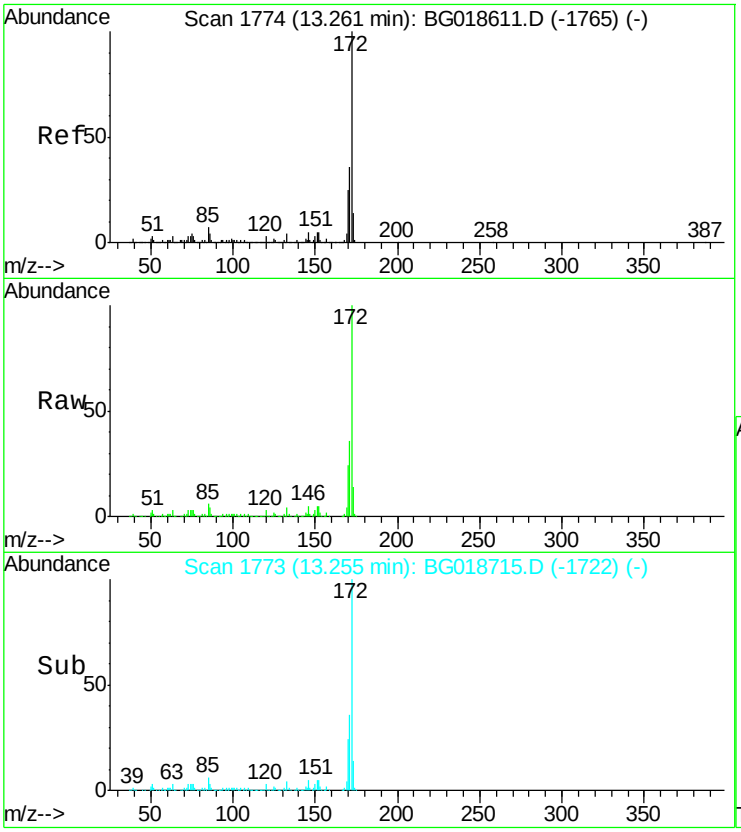


#41
2,4,6-Tribromophenol
Concen: 129.98 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:330 Resp: 245935

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.1	117.1
141	33.6	28.2	42.2



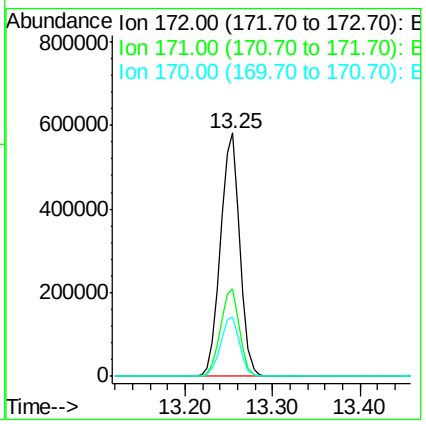


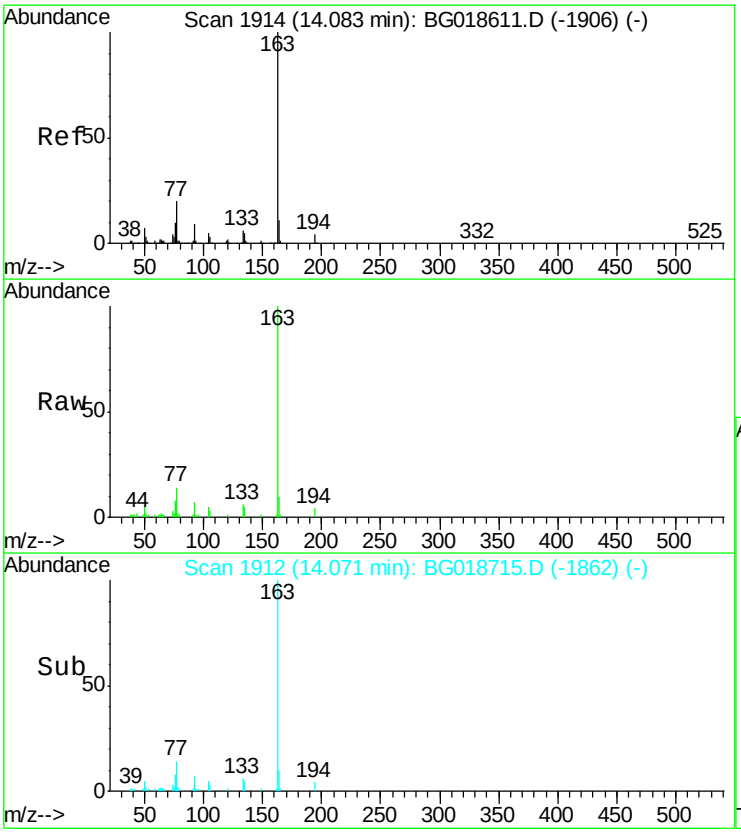
#44
2-Fluorobiphenyl
Concen: 87.52 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tgt Ion:172 Resp: 885983

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.9	29.9

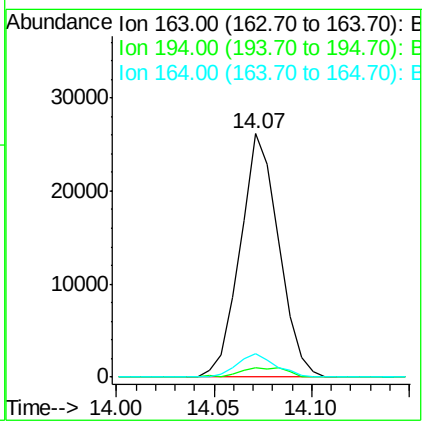


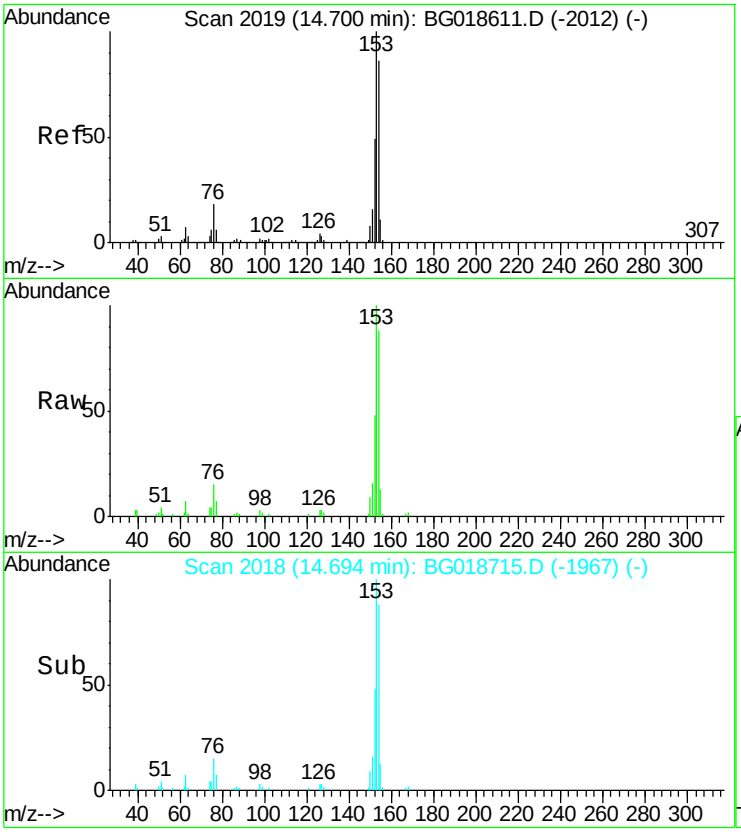


#49
Dimethylphthalate
Concen: 3.08 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:163 Resp: 35795

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.8	8.8	13.2



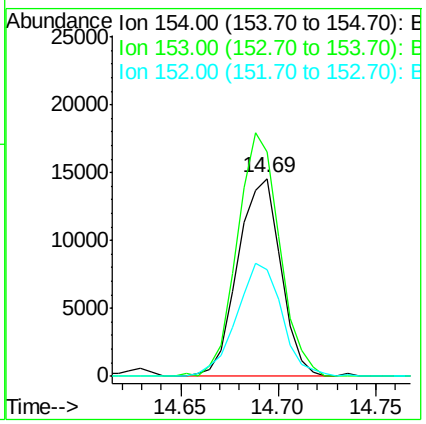


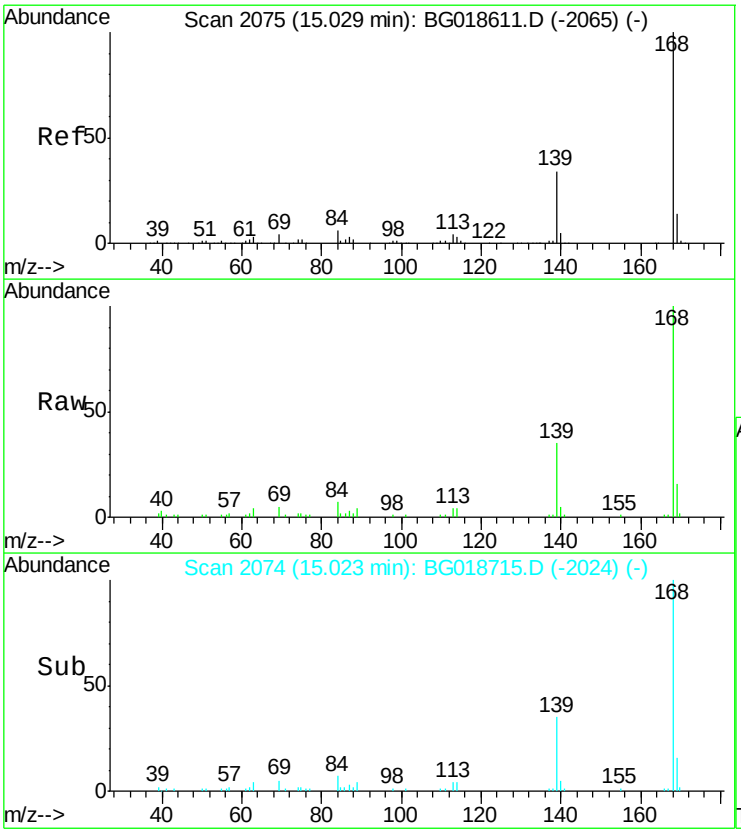
#51
Acenaphthene
Concen: 2.50 ng
RT: 14.69 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tgt Ion:154 Resp: 22119

Ion	Ratio	Lower	Upper
154	100		
153	113.1	92.9	139.3
152	54.1	45.8	68.8

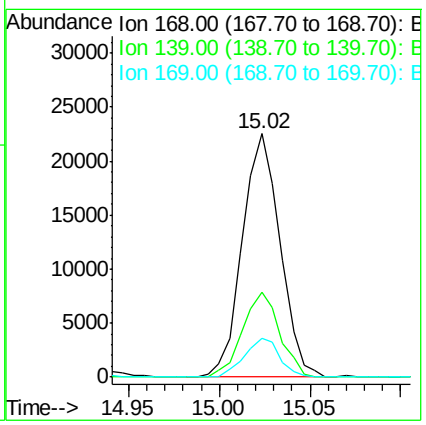


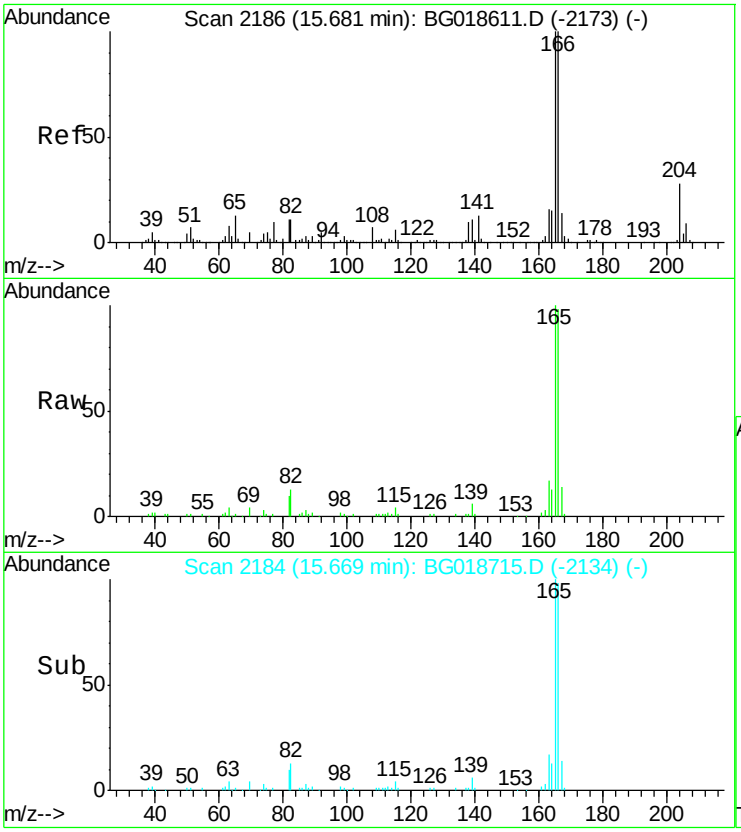


#54
Dibenzofuran
Concen: 2.37 ng
RT: 15.02 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:168 Resp: 32607

Ion	Ratio	Lower	Upper
168	100		
139	34.8	27.4	41.0
169	16.0	11.0	16.4



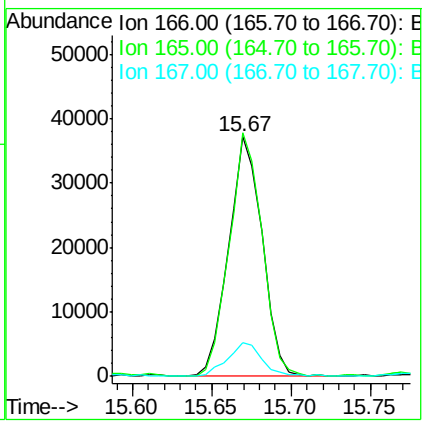


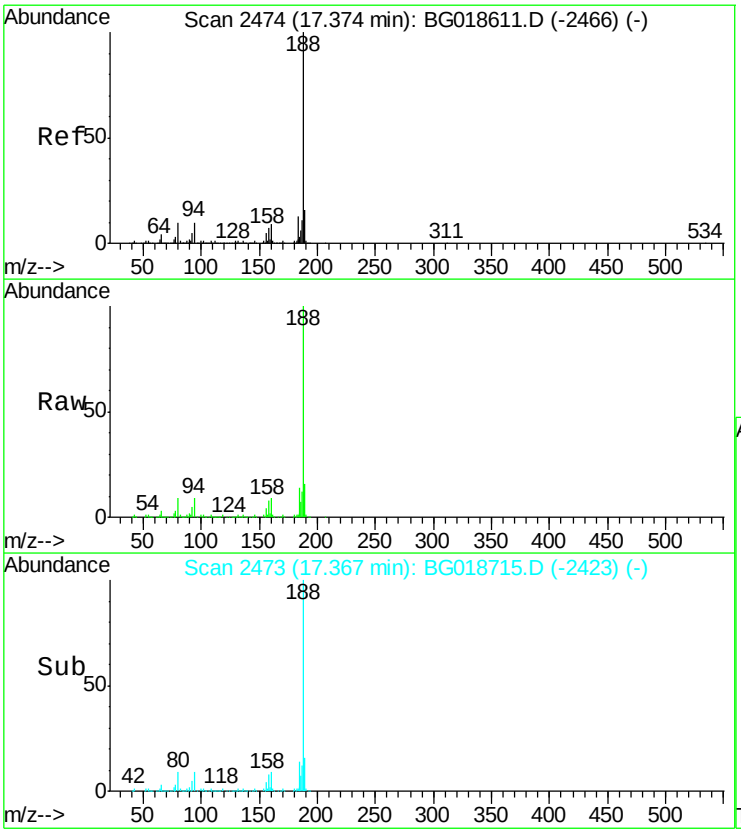
#57
Fluorene
Concen: 4.61 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tgt Ion:166 Resp: 54617

Ion	Ratio	Lower	Upper
166	100		
165	101.6	80.0	120.0
167	13.9	11.1	16.7

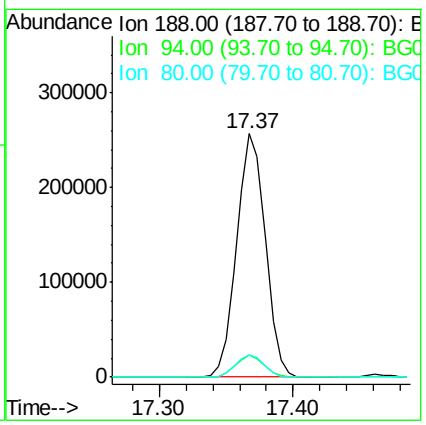


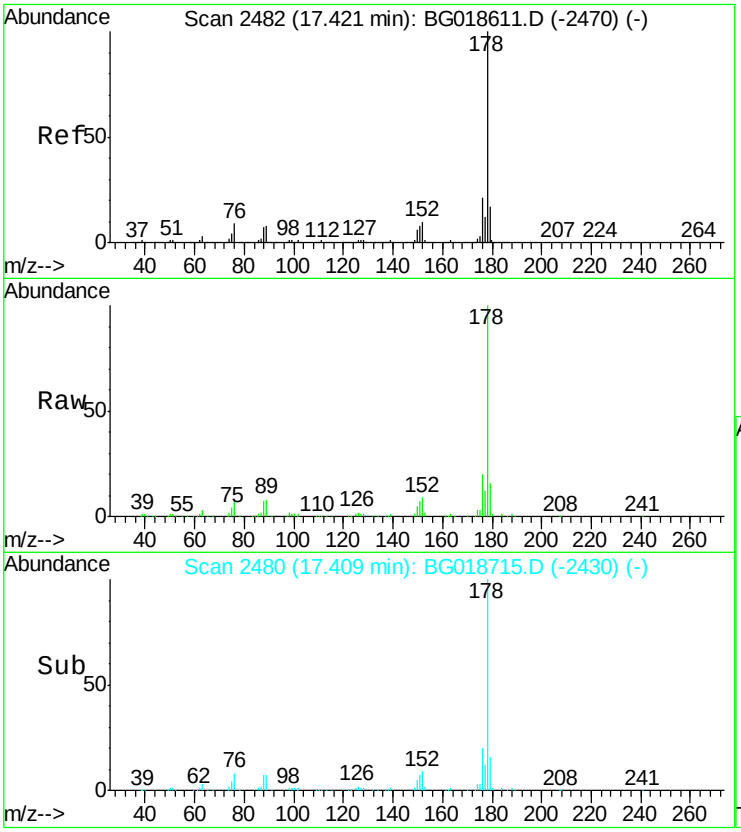


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:188 Resp: 379360

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.7	11.5
80	9.1	7.8	11.8



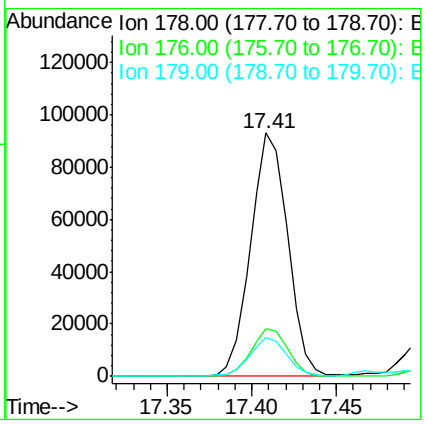


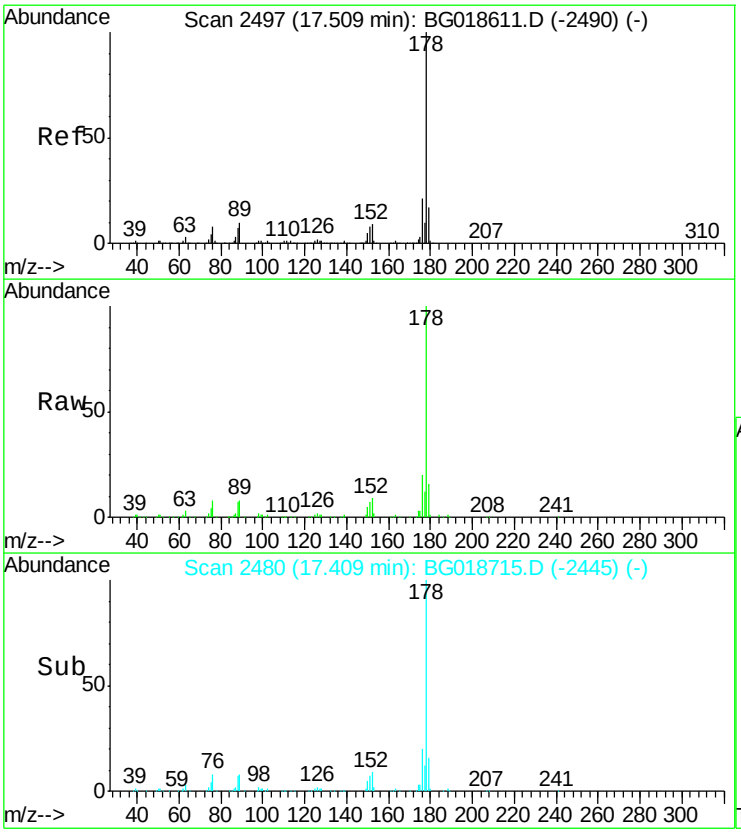
#70
Phenanthrene
Concen: 7.11 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tgt Ion:178 Resp: 141938

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.7	25.1
179	15.7	13.9	20.9

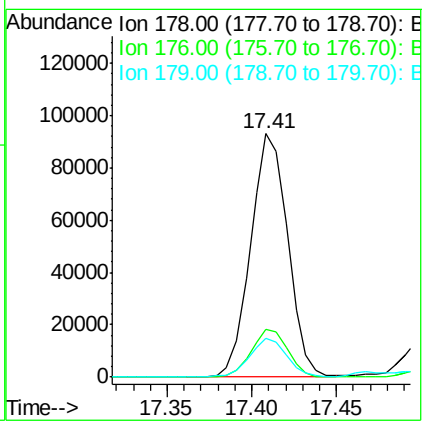


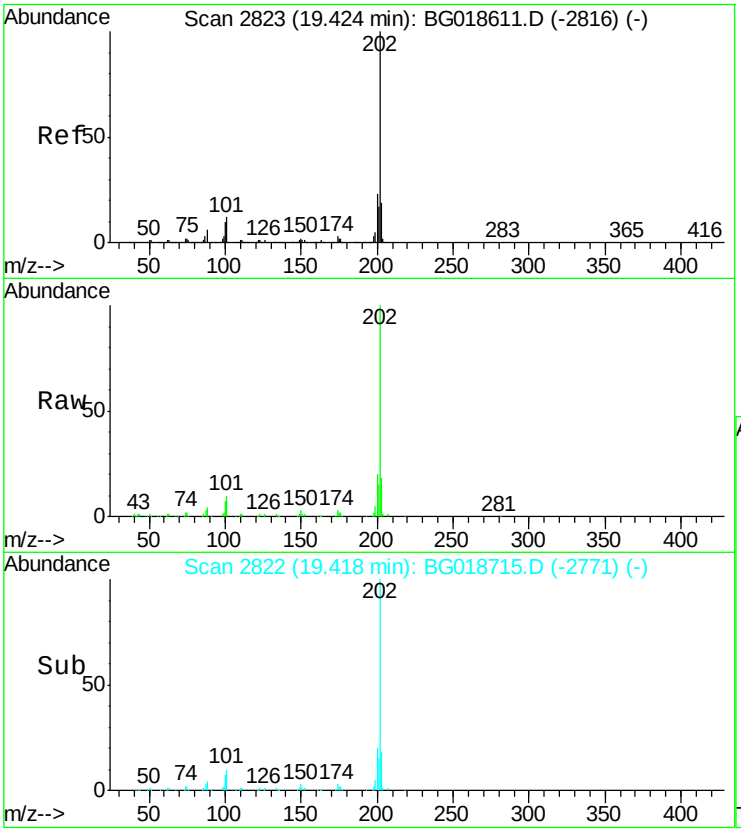


#71
Anthracene
Concen: 7.02 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.09 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:178 Resp: 141938

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.8	25.2
179	15.7	13.9	20.9



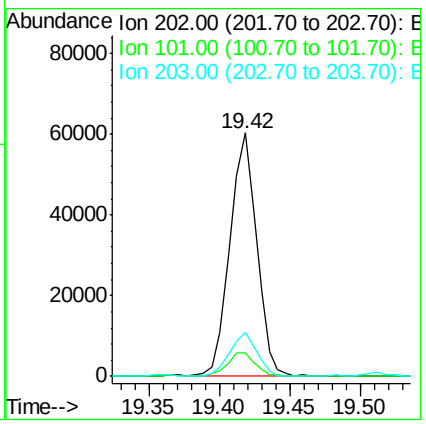


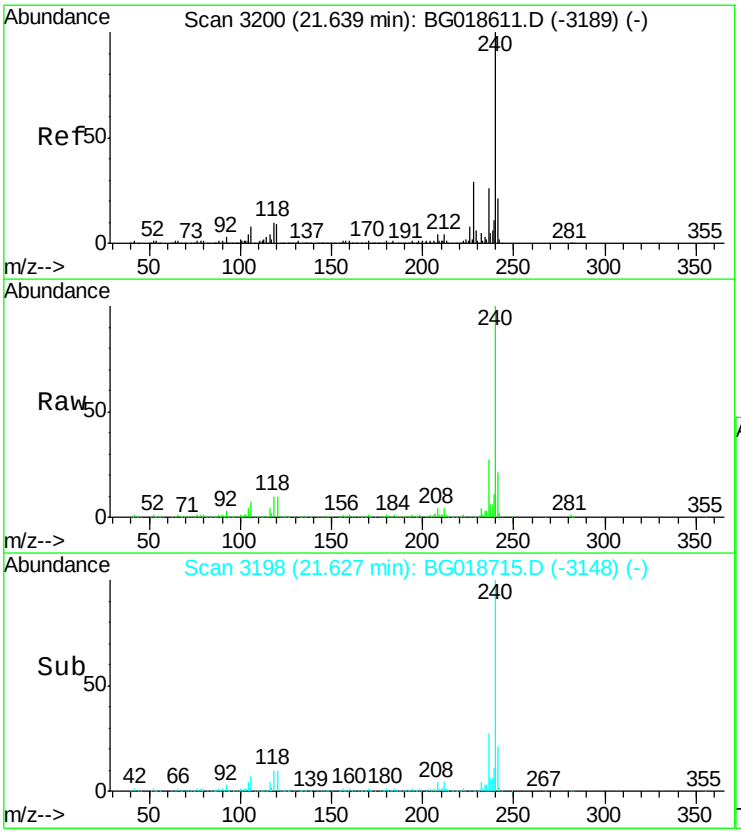
#74
Fluoranthene
Concen: 3.25 ng
RT: 19.42 min Scan# 2822
Delta R.T. -0.00 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tgt Ion:202 Resp: 80344

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.4
203	18.0	0.0	39.5

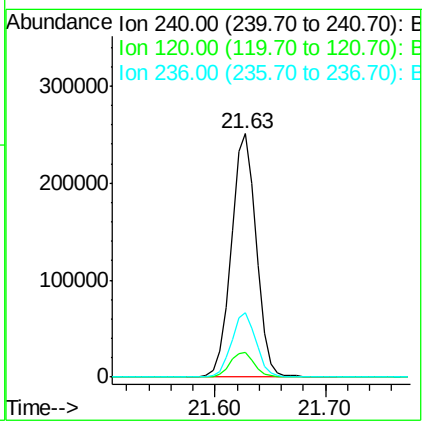


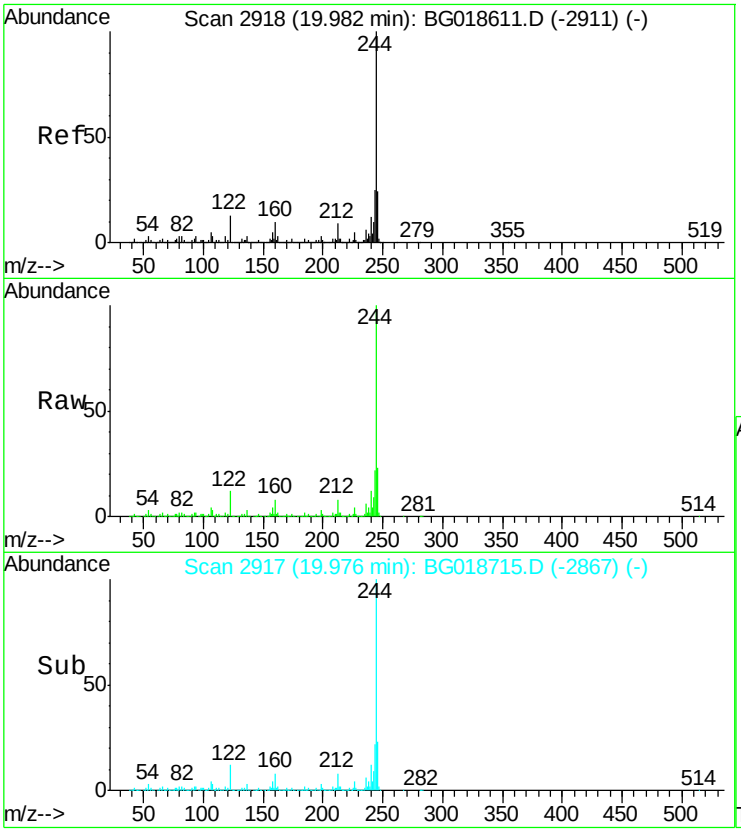


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:240 Resp: 398567

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.4	11.0
236	26.6	20.7	31.1



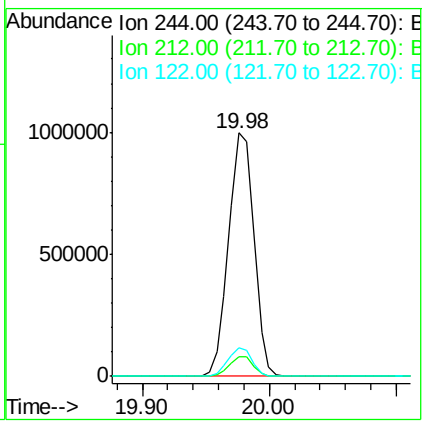


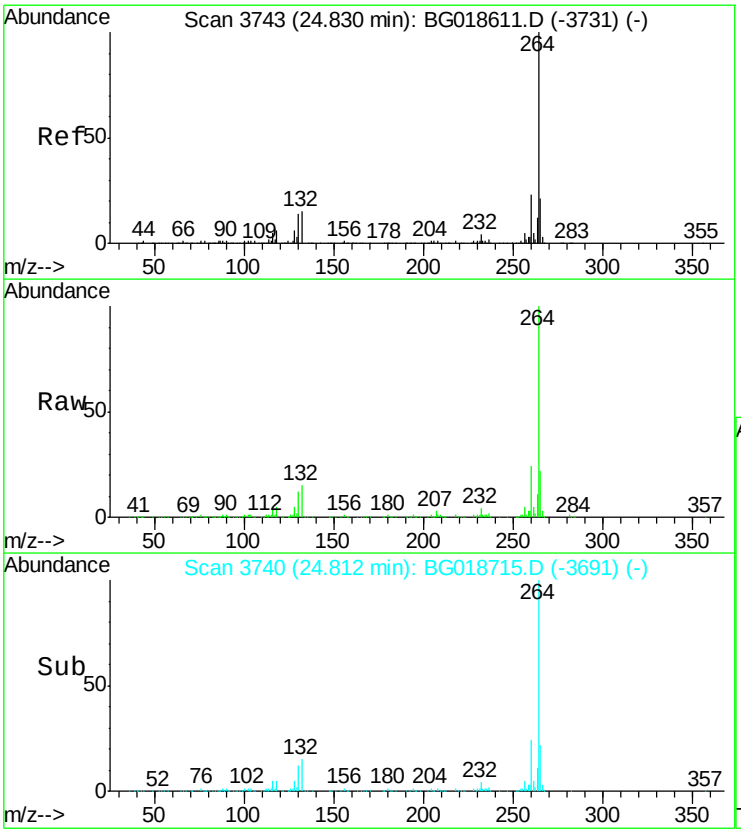
#78
Terphenyl-d14
Concen: 90.76 ng
RT: 19.98 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tgt Ion:244 Resp: 1377538

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	11.7	10.2	15.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3740
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:264 Resp: 397507

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.9	17.2	25.8