Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG016992.D
Acq On : 9 May 2015 16:54
Operator : TP/IZ
Sample : G2180-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-CW-02

Quant Time: May 11 02:32:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	53901	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	247451	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	173436	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	402443	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	402732	20.00	ng	-0.02
86) Perylene-d12	23.65	264	404501	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	141188	45.61	ng	-0.01
7) Phenol-d6	6.96	99	132099	29.87	ng	0.00
23) Nitrobenzene-d5	8.95	82	600770	118.61	ng	-0.01
41) 2,4,6-Tribromophenol	15.92	330	218334	125.40	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	1225247	106.61	ng	-0.02
78) Terphenyl-d14	19.80	244	2108766	122.75	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	13.88	163	27454	2.12	ng	99
74) Fluoranthene	19.23	202	92022	3.83	ng	97
77) Pyrene	19.59	202	99099	4.17	ng	95

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

Quantitation Report (LSC Reviewed)

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Data File : BG016992.D
Acq On : 9 May 2015 16:54
Operator : TP/IZ
Sample : G2180-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-CW-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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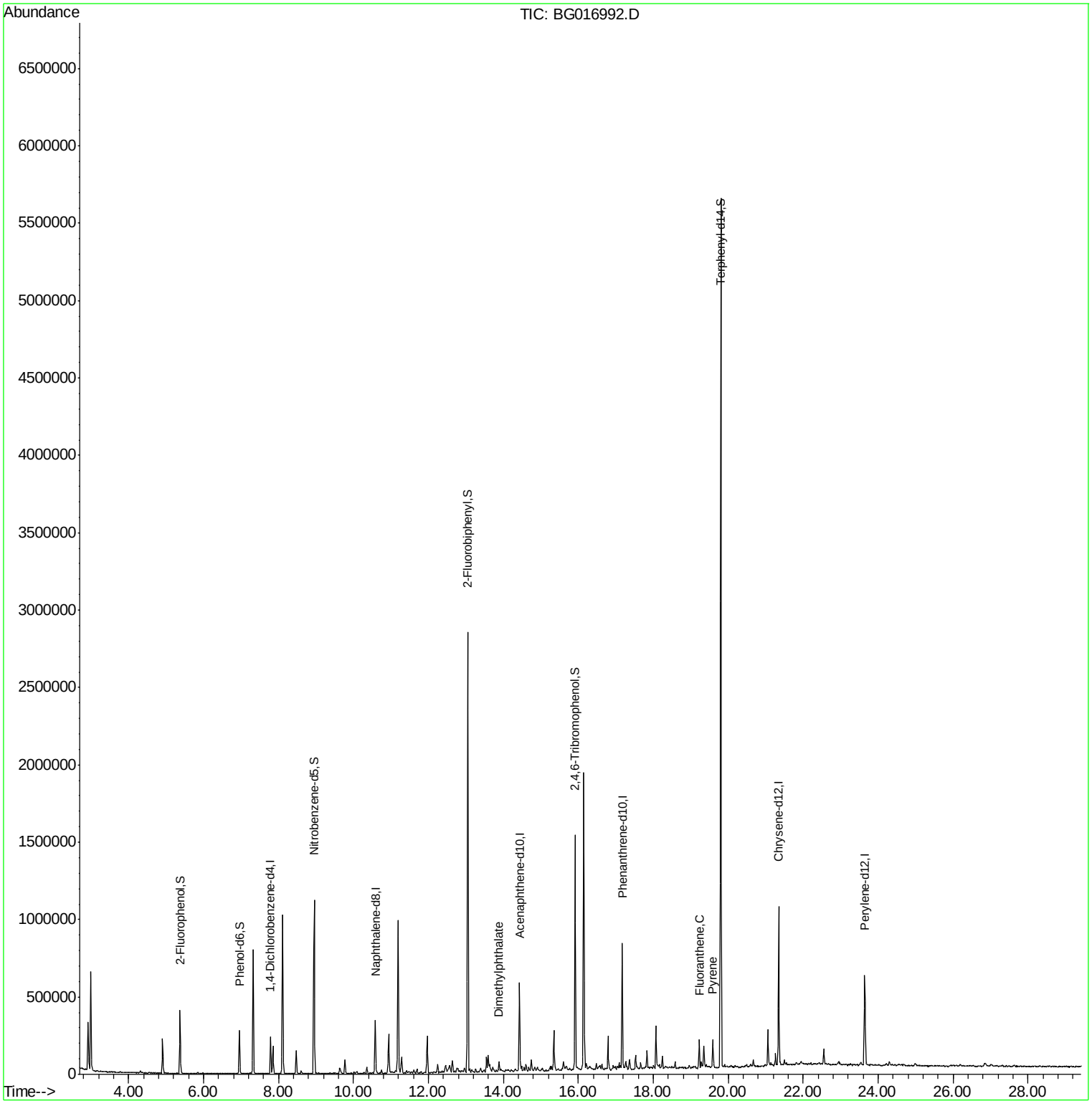
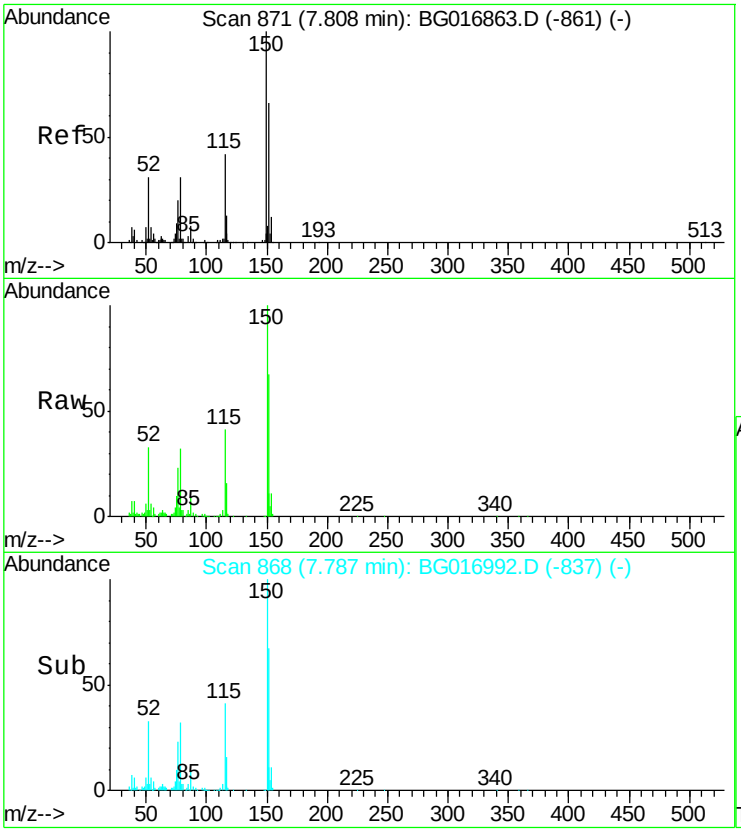


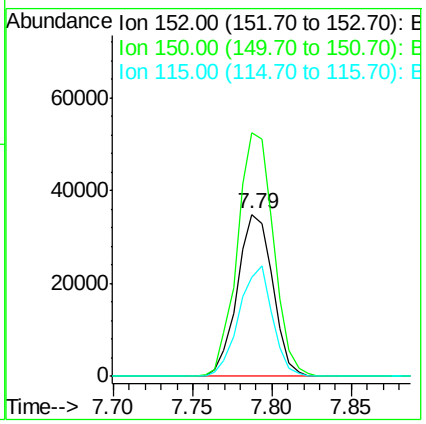


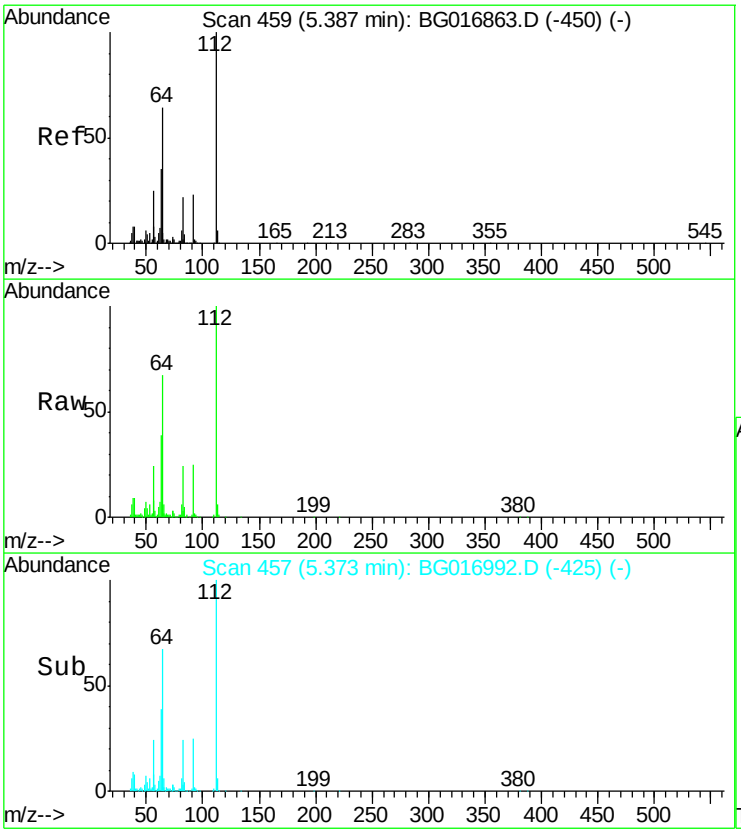
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Instrument :
BNA_G
ClientSampleId :
WC-CW-02

Tgt Ion:152 Resp: 53901

Ion	Ratio	Lower	Upper
152	100		
150	150.3	121.0	181.4
115	61.4	50.5	75.7

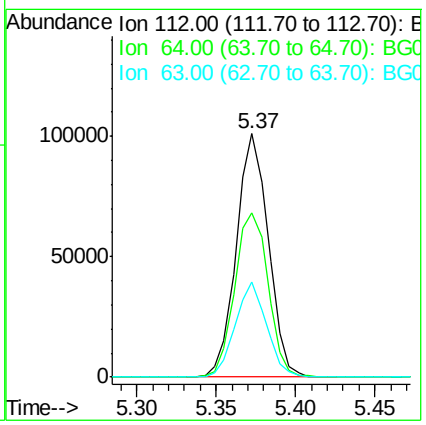


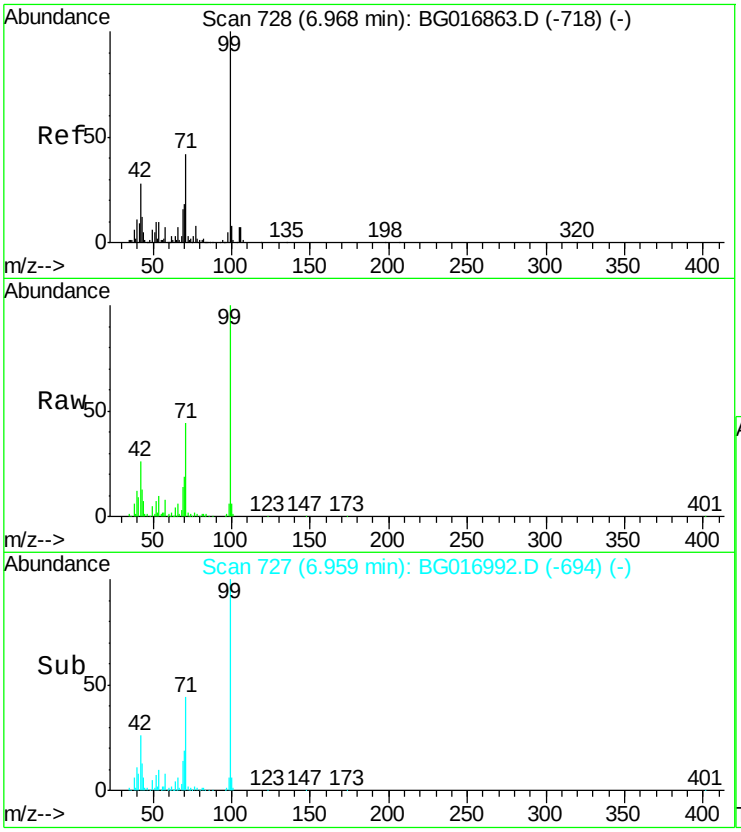


#5
2-Fluorophenol
Concen: 45.61 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.01 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Tgt Ion:112 Resp: 141188

Ion	Ratio	Lower	Upper
112	100		
64	67.3	51.4	77.2
63	39.0	28.1	42.1



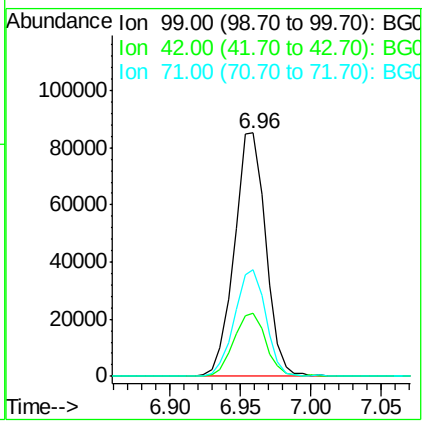


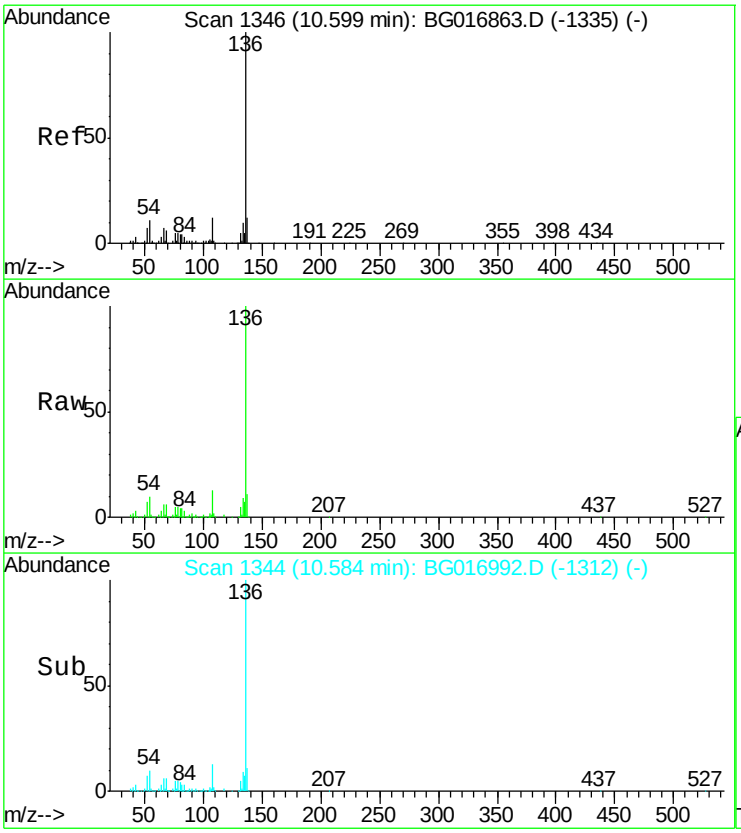
#7
Phenol-d6
Concen: 29.87 ng
RT: 6.96 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Instrument :
BNA_G
ClientSampleId :
WC-CW-02

Tgt Ion: 99 Resp: 132099

Ion	Ratio	Lower	Upper
99	100		
42	25.7	22.1	33.1
71	44.0	33.4	50.0

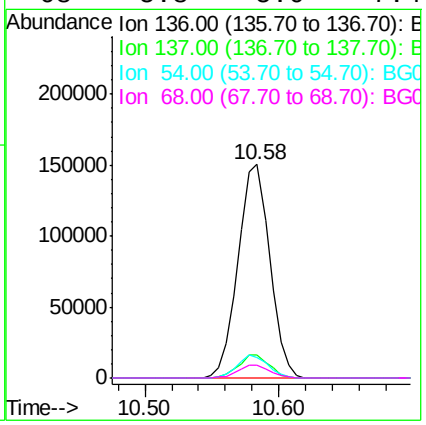


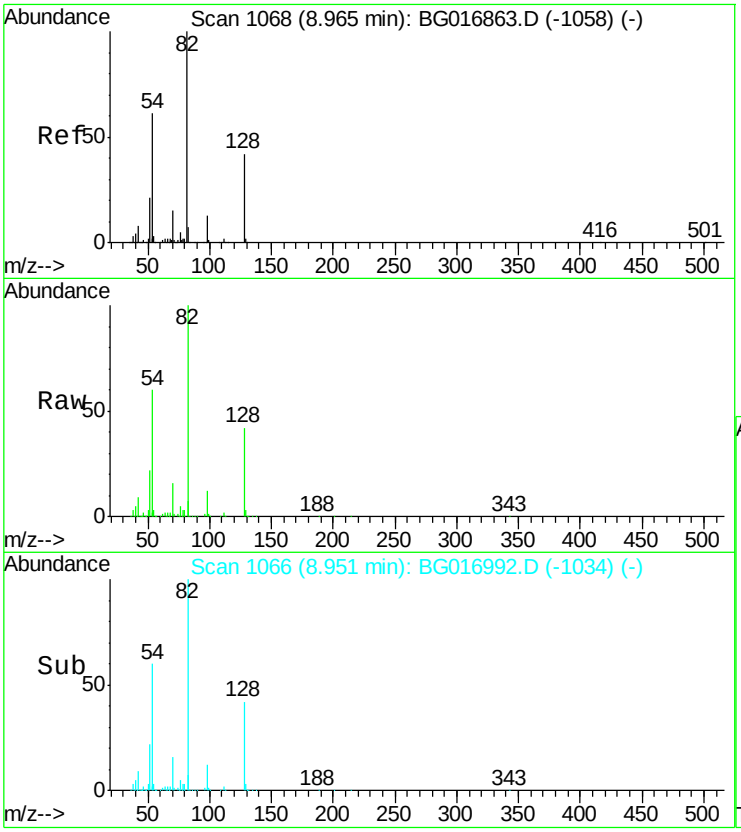


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Tgt Ion:136 Resp: 247451

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.8
54	9.7	8.7	13.1
68	5.8	5.0	7.4



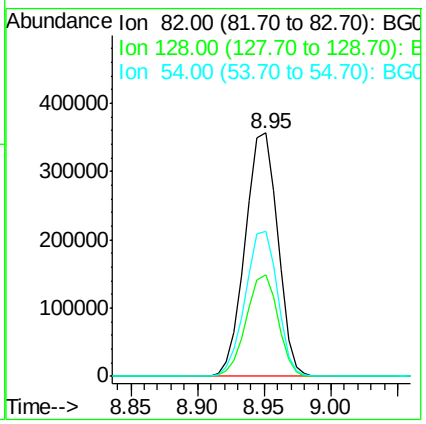


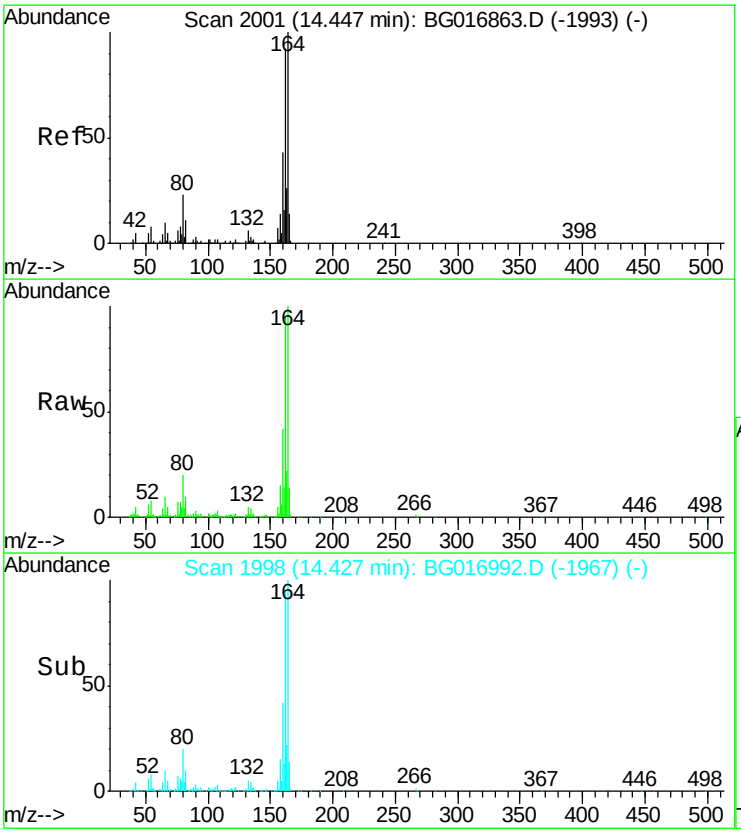
#23
Nitrobenzene-d5
Concen: 118.61 ng
RT: 8.95 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Instrument :
BNA_G
ClientSampleId :
WC-CW-02

Tgt Ion: 82 Resp: 600770

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.2	49.8
54	59.6	48.6	72.8

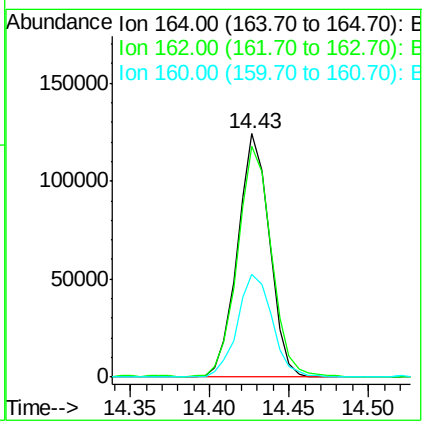


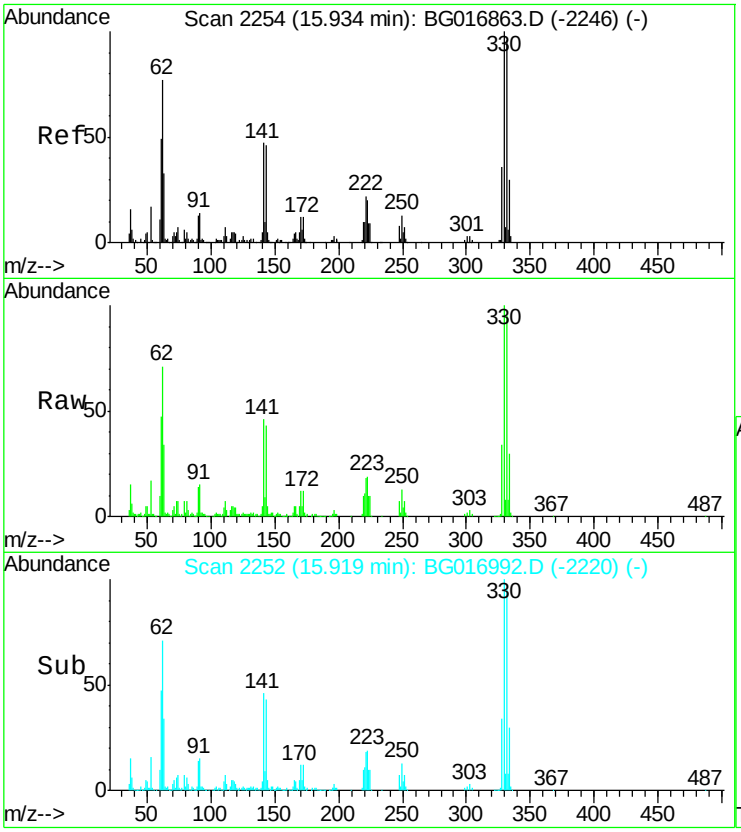


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Tgt Ion:164 Resp: 173436

Ion	Ratio	Lower	Upper
164	100		
162	95.0	74.0	111.0
160	42.3	34.7	52.1



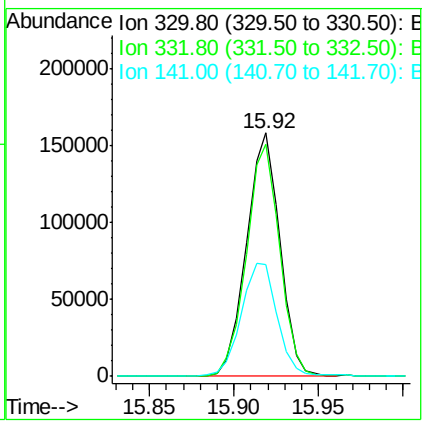


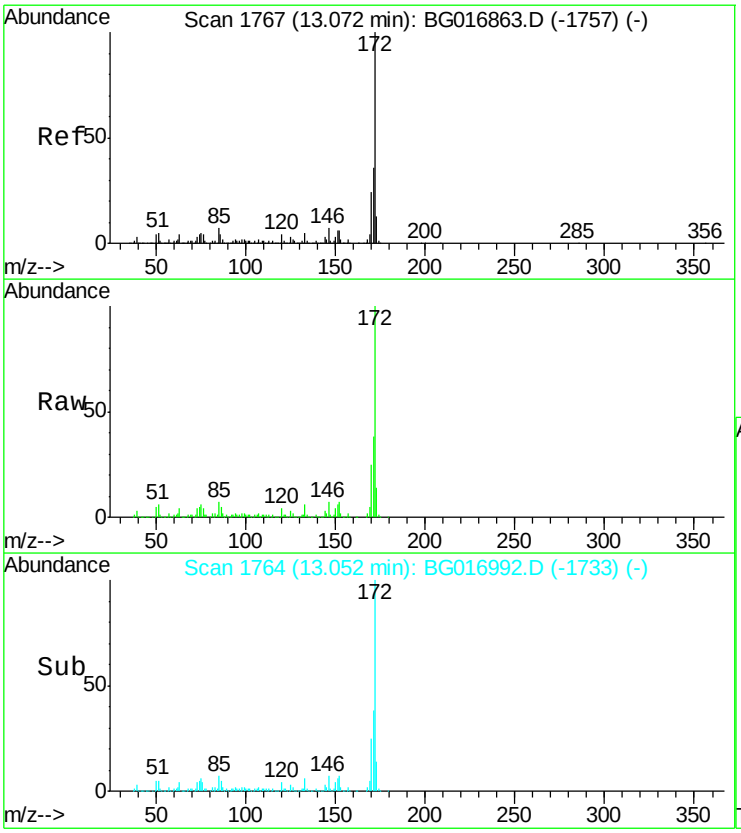
#41
2,4,6-Tribromophenol
Concen: 125.40 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Instrument :
BNA_G
ClientSampleId :
WC-CW-02

Tgt Ion:330 Resp: 218334

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	50.7	0.0	0.0#

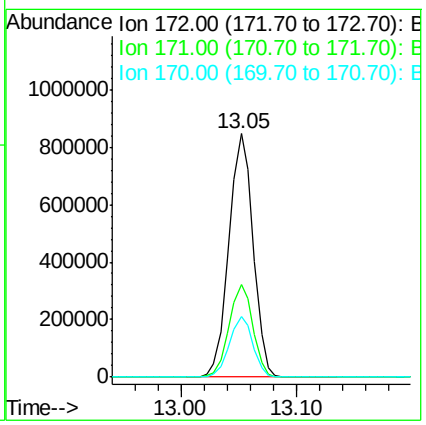


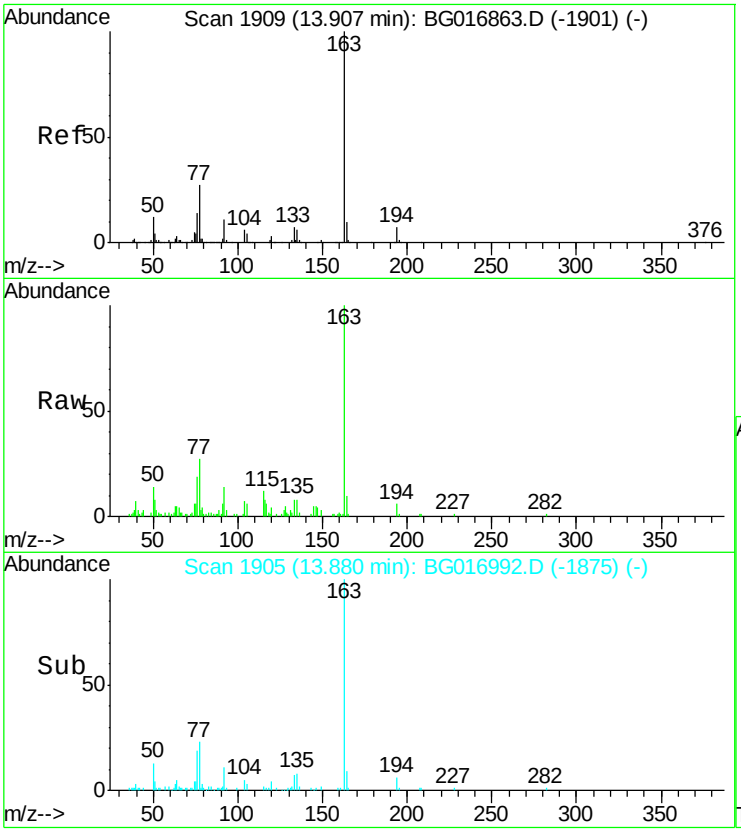


#44
2-Fluorobiphenyl
Concen: 106.61 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Tgt Ion:172 Resp: 1225247

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.4
170	24.9	19.0	28.4



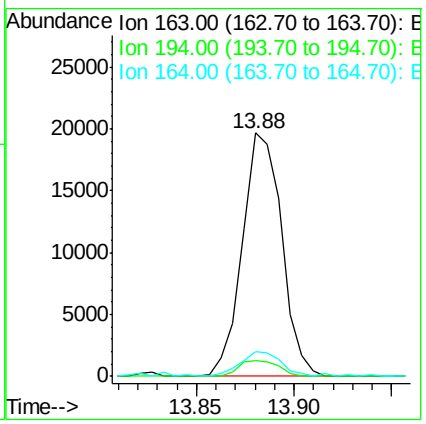


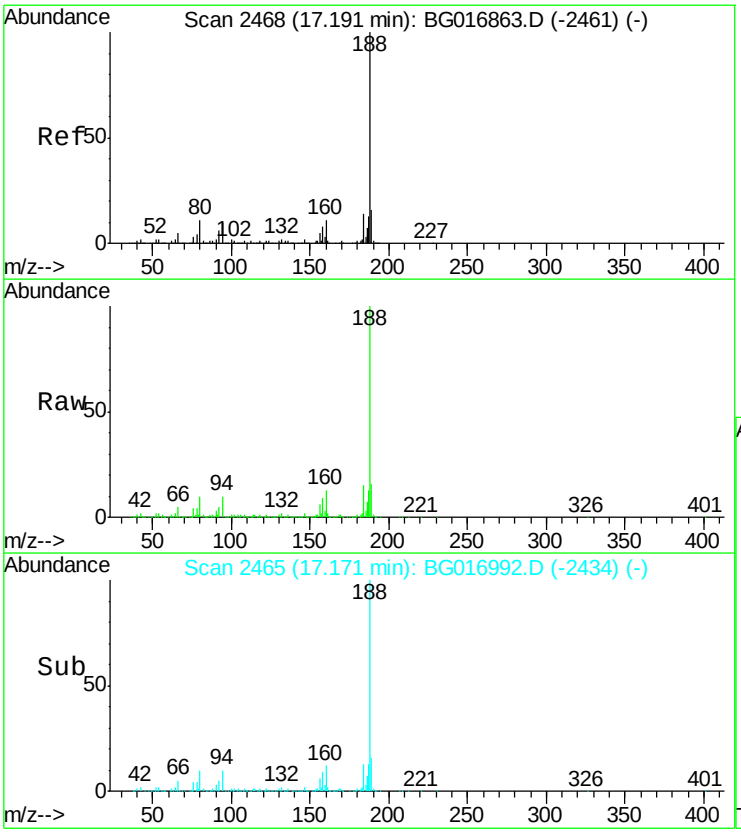
#49
Dimethylphthalate
Concen: 2.12 ng
RT: 13.88 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Instrument :
BNA_G
ClientSampleId :
WC-CW-02

Tgt Ion:163 Resp: 27454

Ion	Ratio	Lower	Upper
163	100		
194	6.4	5.2	7.8
164	9.9	8.4	12.6

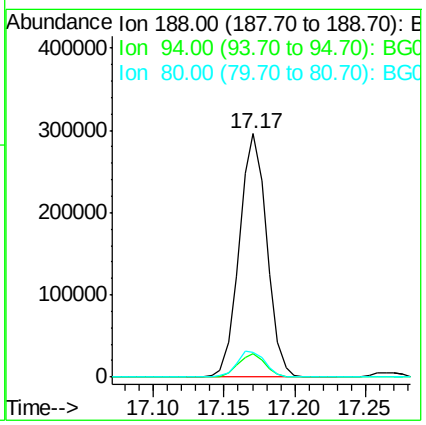


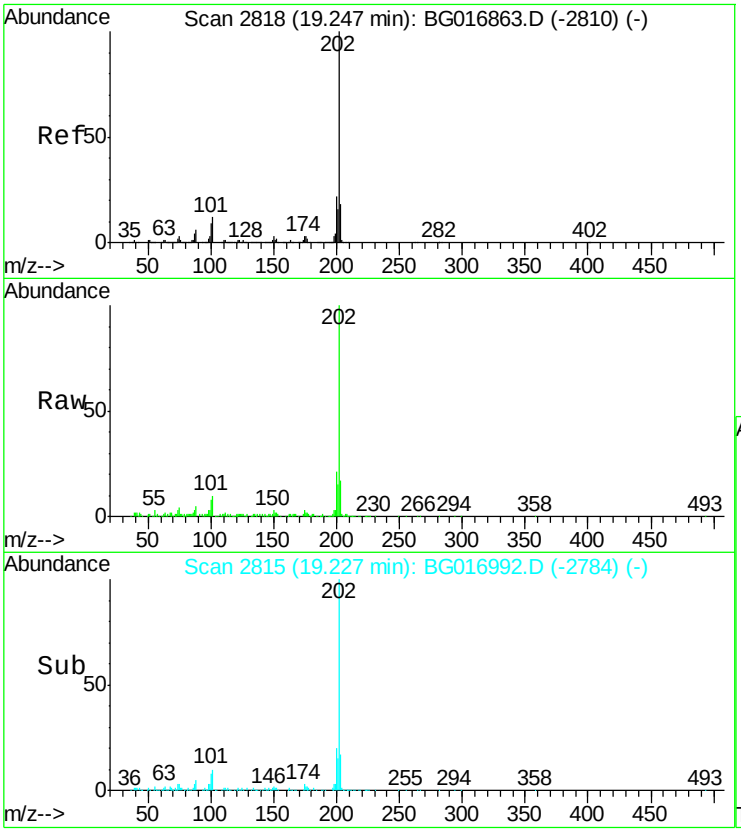


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Tgt Ion:188 Resp: 402443

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	10.3	8.8	13.2



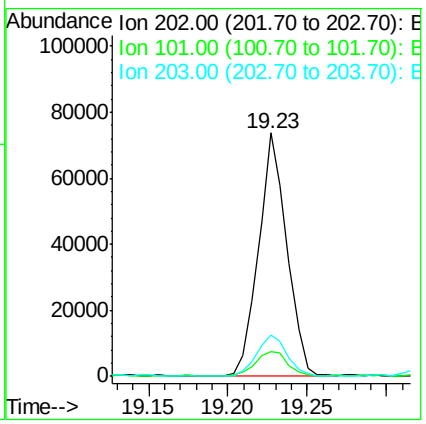


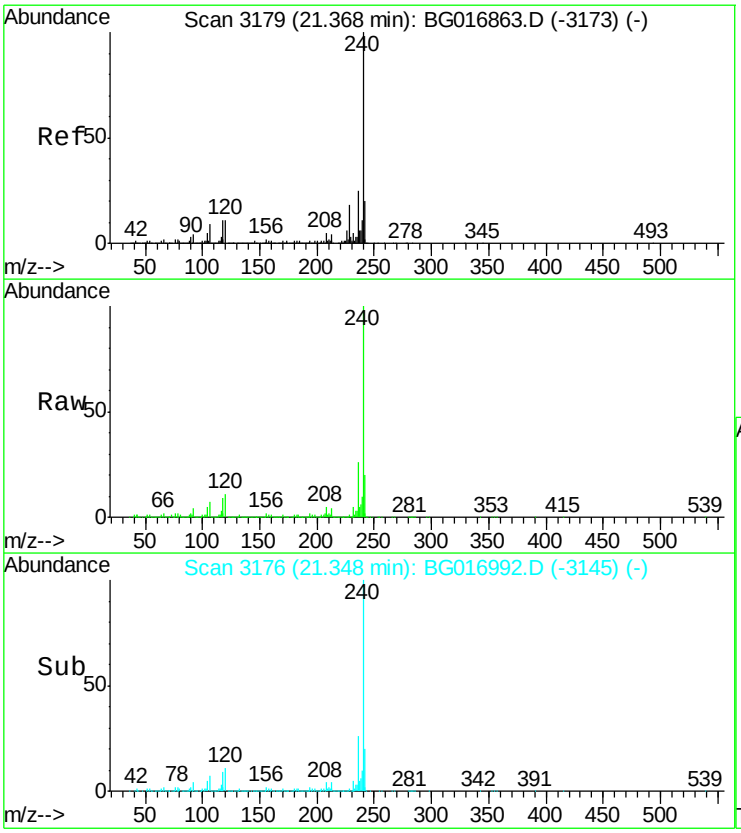
#74
Fluoranthene
Concen: 3.83 ng
RT: 19.23 min Scan# 2815
Delta R.T. -0.02 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Instrument :
BNA_G
ClientSampleId :
WC-CW-02

Tgt Ion:202 Resp: 92022

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.5
203	17.1	0.0	38.1

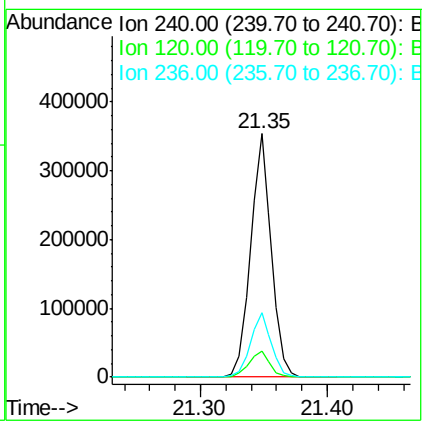


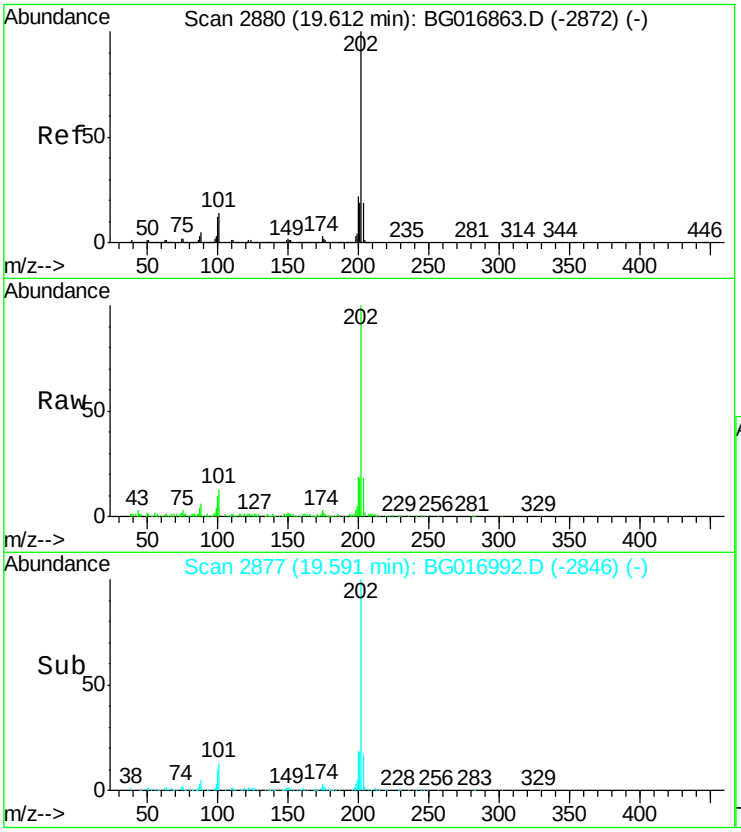


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Tgt Ion:240 Resp: 402732

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.1	13.7
236	26.5	20.2	30.4



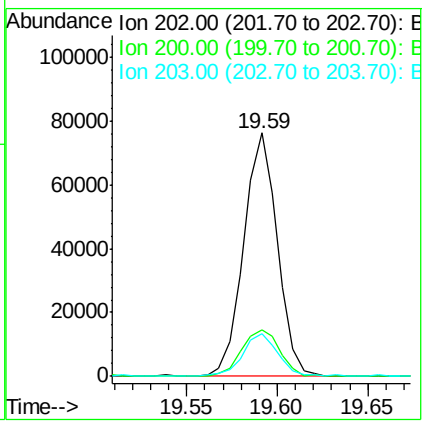


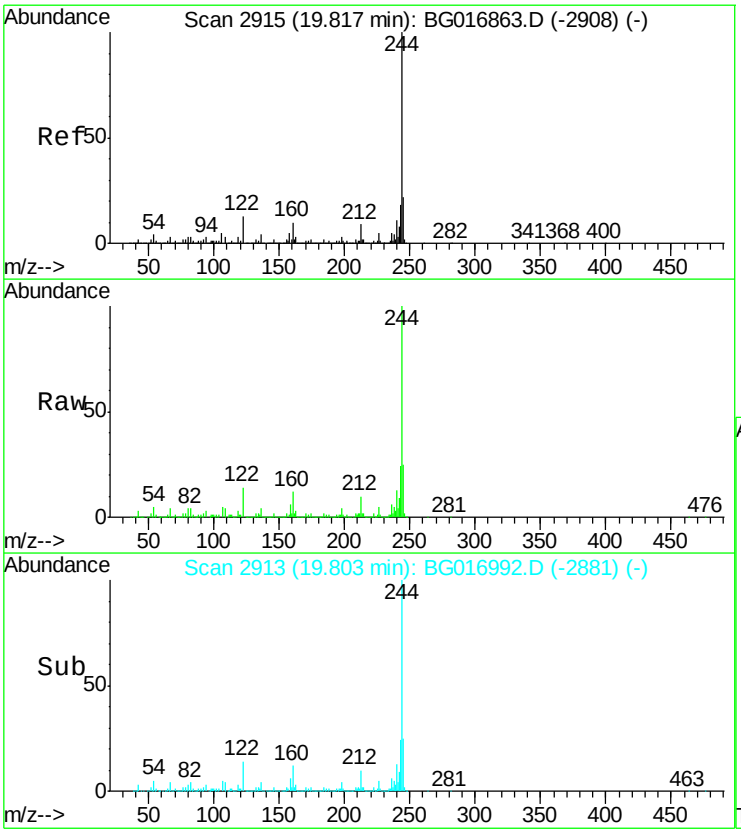
#77
Pyrene
Concen: 4.17 ng
RT: 19.59 min Scan# 2877
Delta R.T. -0.02 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Instrument :
BNA_G
ClientSampleId :
WC-CW-02

Tgt Ion:202 Resp: 99099

Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.9	26.9
203	17.7	15.2	22.8

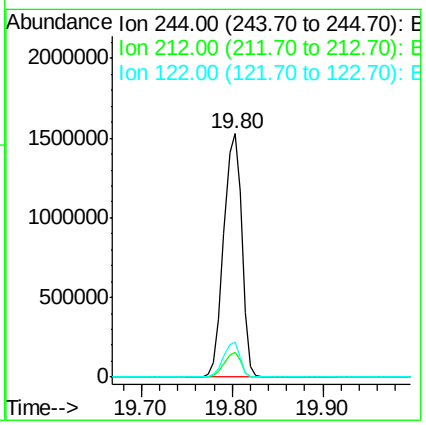


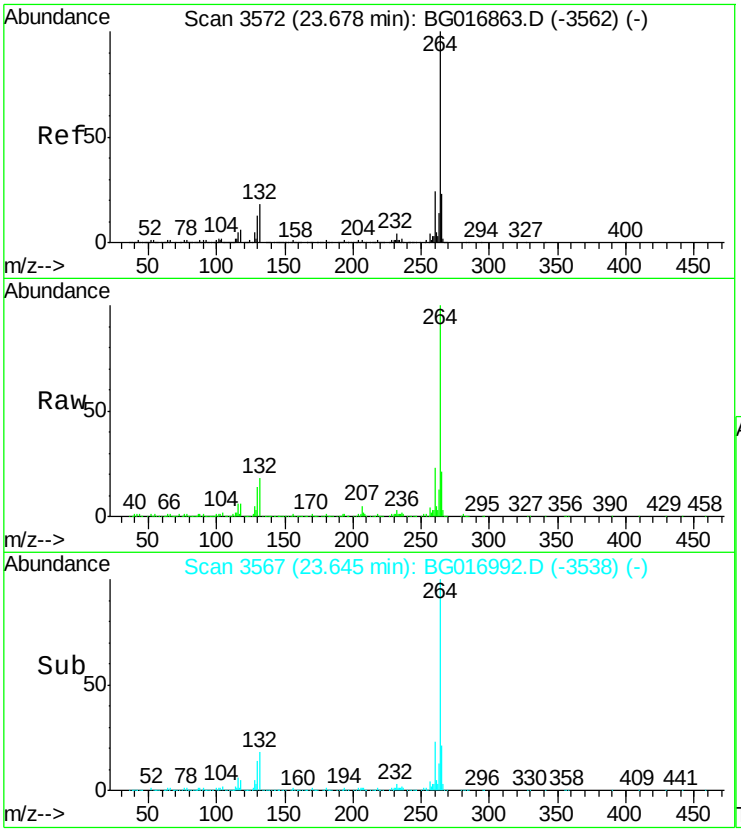


#78
Terphenyl-d14
Concen: 122.75 ng
RT: 19.80 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Tgt Ion:244 Resp: 2108766

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.0	10.6
122	14.5	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3567
Delta R.T. -0.03 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Instrument :
BNA_G
ClientSampleId :
WC-CW-02

Tgt Ion:264 Resp: 404501

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.4	18.5	27.7