Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018655.D
Acq On : 12 Sep 2015 1:09
Operator : UM/IZ
Sample : G3640-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MGP210BR48-48.5

Quant Time: Sep 12 02:58:20 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	59377	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	250474	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	163688	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	454030	20.00	ng	0.00
75) Chrysene-d12	21.63	240	495447	20.00	ng	0.00
86) Perylene-d12	24.81	264	494695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	555985	161.75	ng	0.00
7) Phenol-d6	7.17	99	779257	158.12	ng	0.00
23) Nitrobenzene-d5	9.16	82	438422	97.95	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	352055	159.73	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	987241	83.72	ng	0.00
78) Terphenyl-d14	19.98	244	1545125	81.89	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.86	128	84497	6.30	ng	98
49) Dimethylphthalate	14.08	163	262784	19.39	ng	98

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

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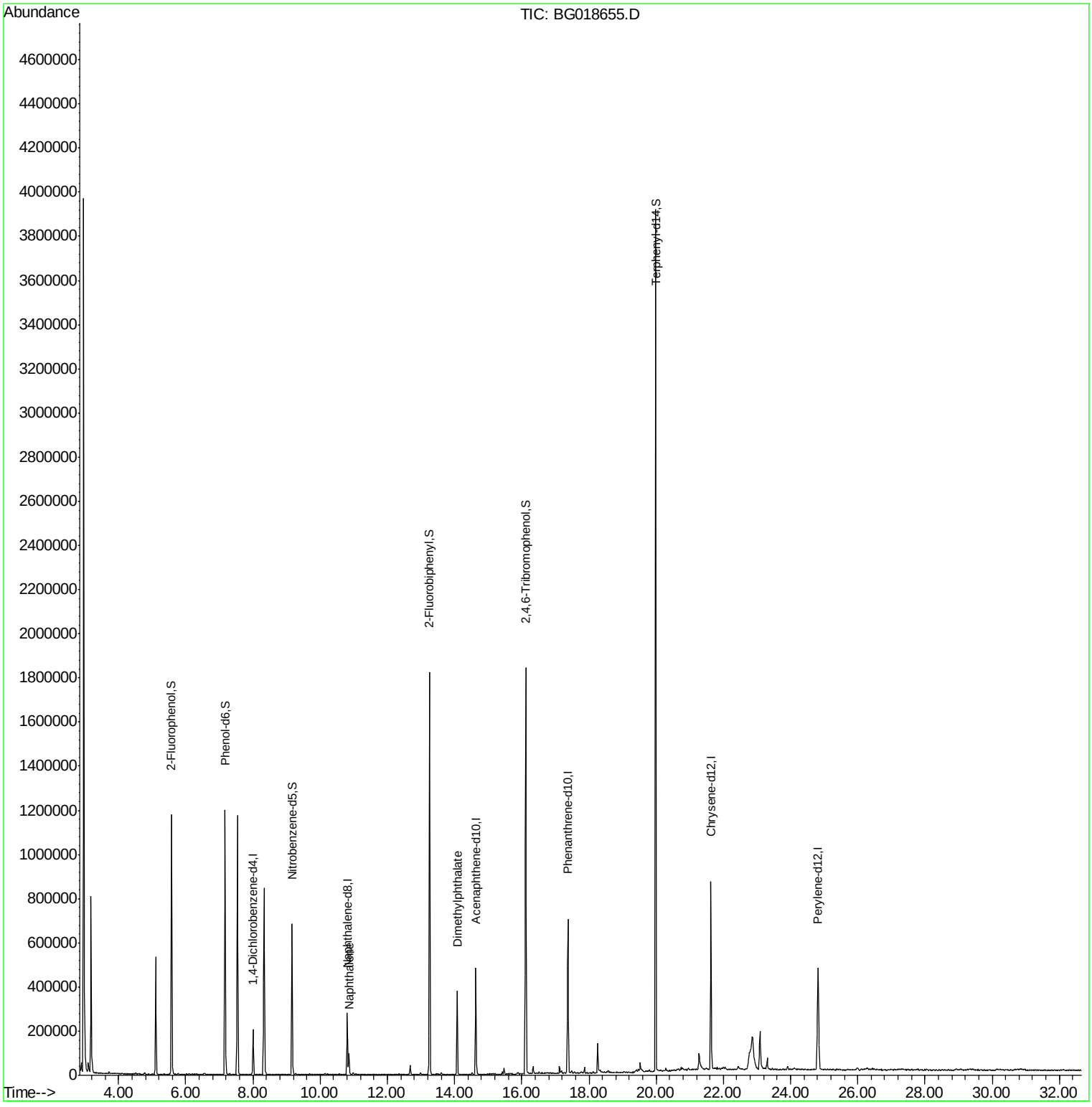
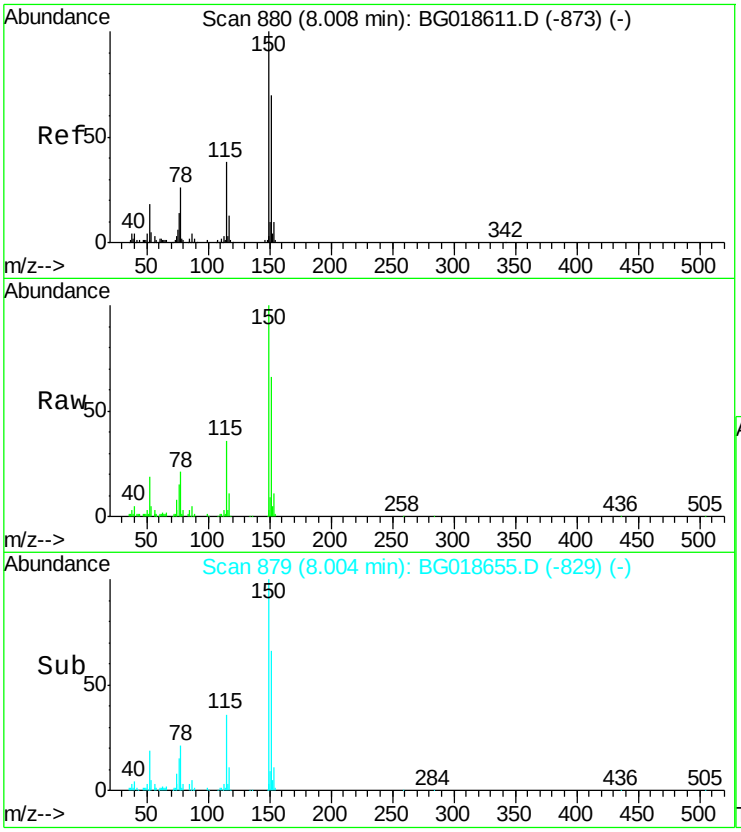


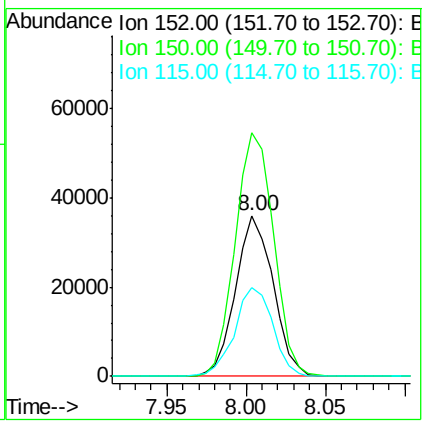


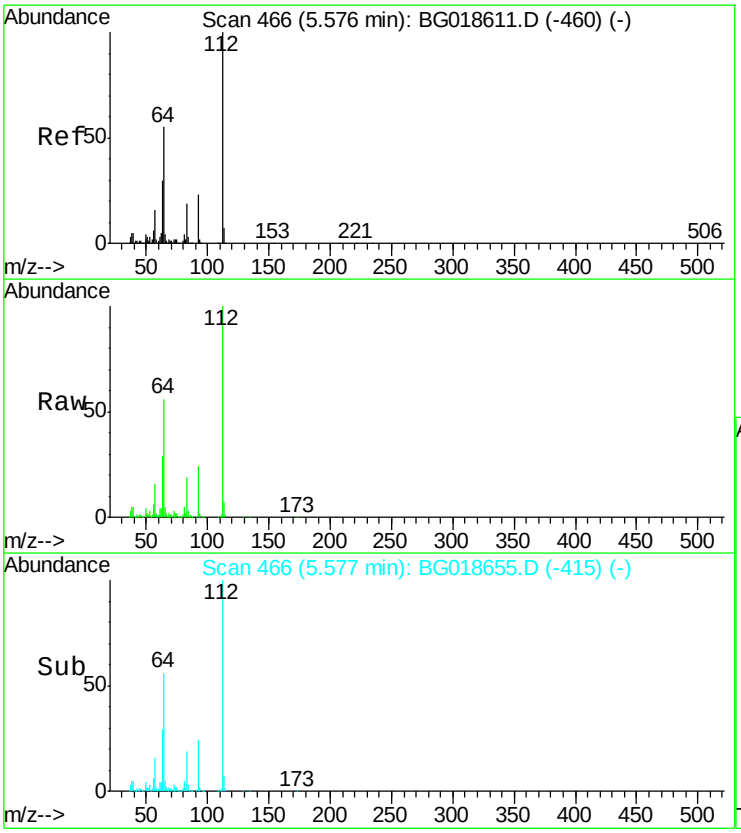
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Instrument :
BNA_G
ClientSampleId :
MGP210BR48-48.5

Tgt Ion:152 Resp: 59377

Ion	Ratio	Lower	Upper
152	100		
150	151.3	115.0	172.4
115	54.8	43.9	65.9

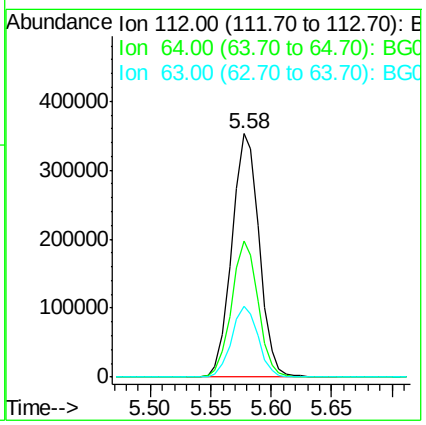


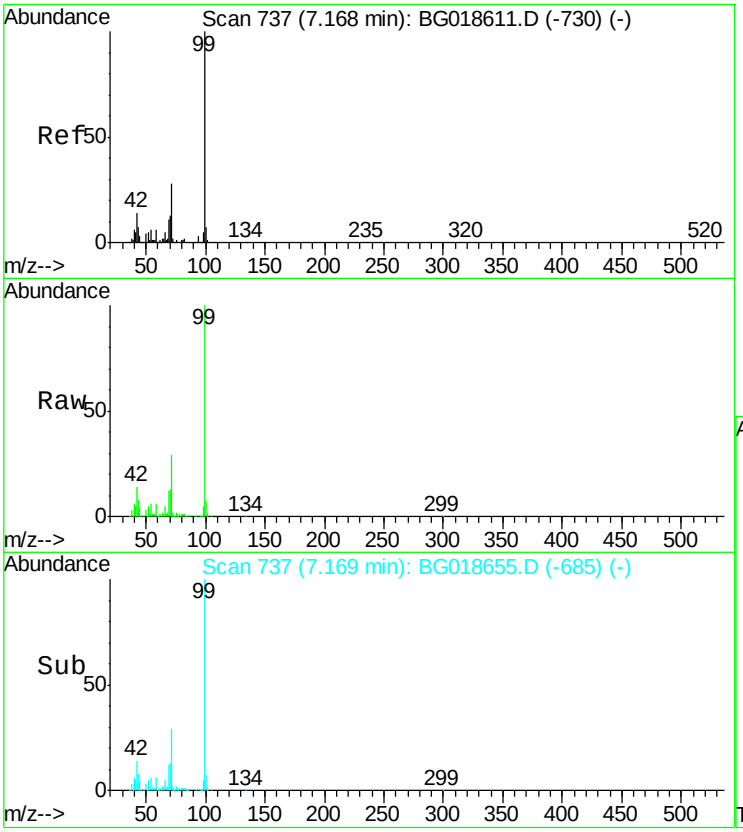


#5
2-Fluorophenol
Concen: 161.75 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Tgt Ion:112 Resp: 555985

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.7	65.5
63	29.1	24.0	36.0



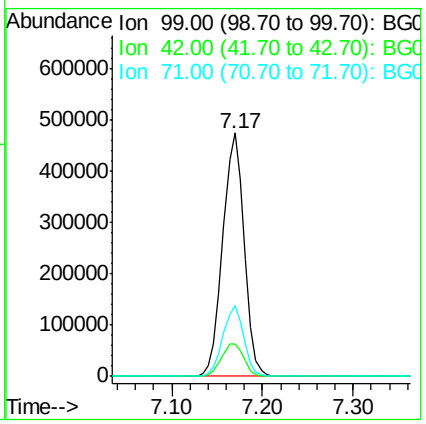


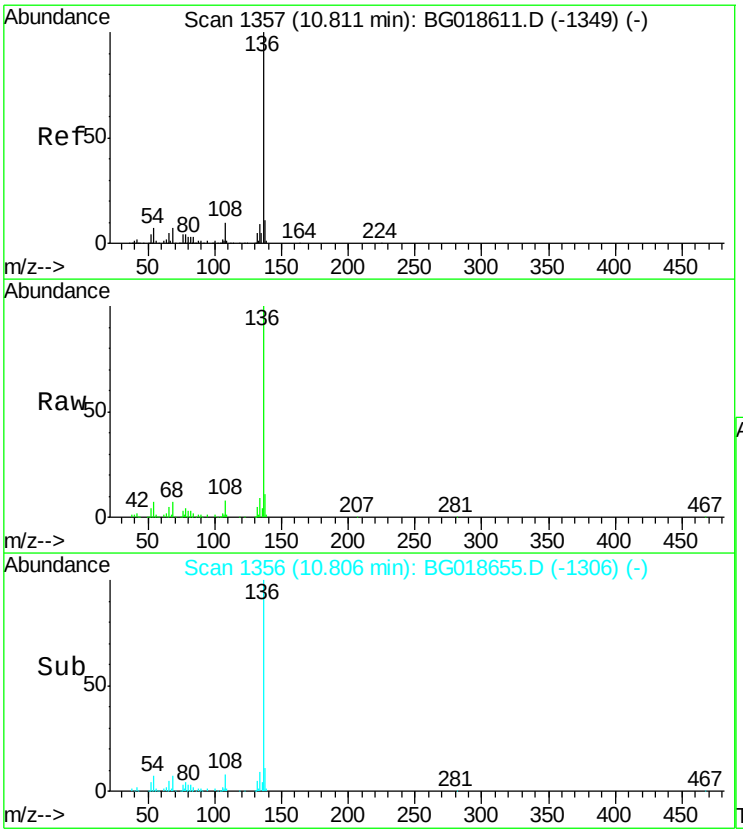
#7
Phenol-d6
Concen: 158.12 ng
RT: 7.17 min Scan# 737
Delta R.T. 0.01 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Instrument :
BNA_G
ClientSampleId :
MGP210BR48-48.5

Tgt Ion: 99 Resp: 779257

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.5	17.3
71	29.1	22.6	34.0

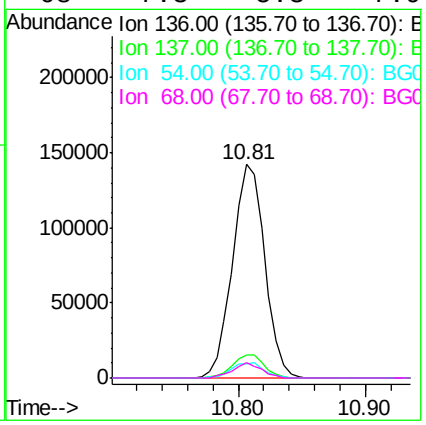


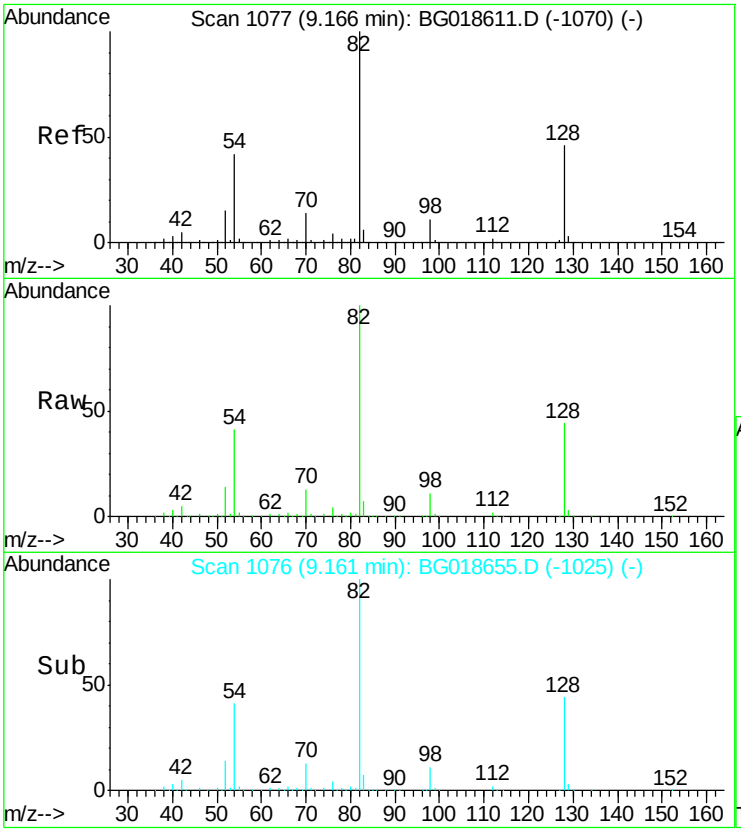


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Tgt Ion:136 Resp: 250474

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.8	5.4	8.2
68	7.3	5.3	7.9



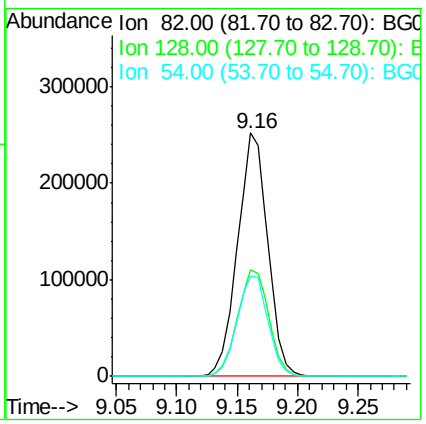


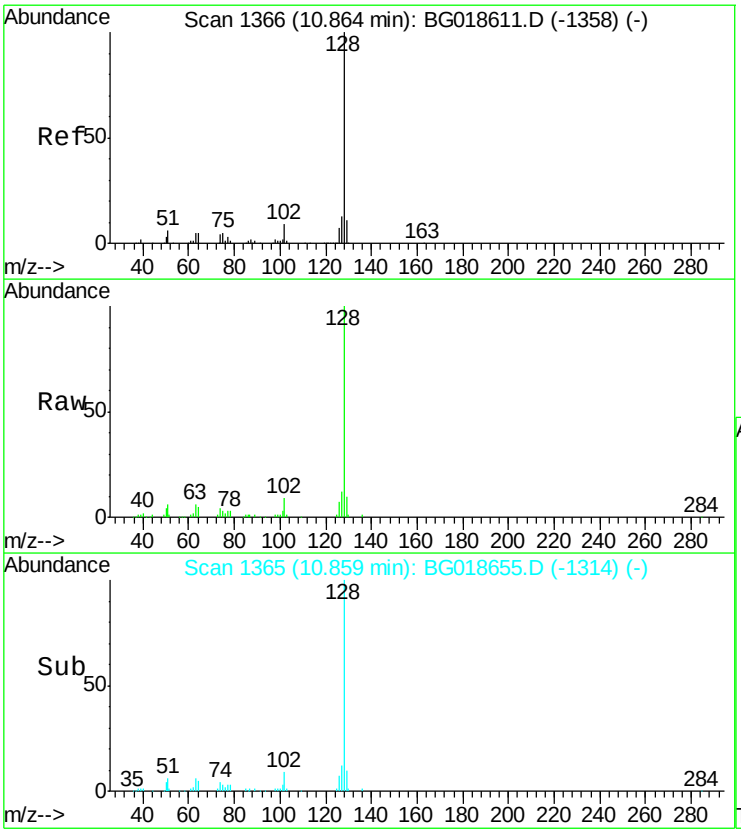
#23
Nitrobenzene-d5
Concen: 97.95 ng
RT: 9.16 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Instrument :
BNA_G
ClientSampleId :
MGP210BR48-48.5

Tgt Ion: 82 Resp: 438422

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.7	55.1
54	41.0	33.8	50.8

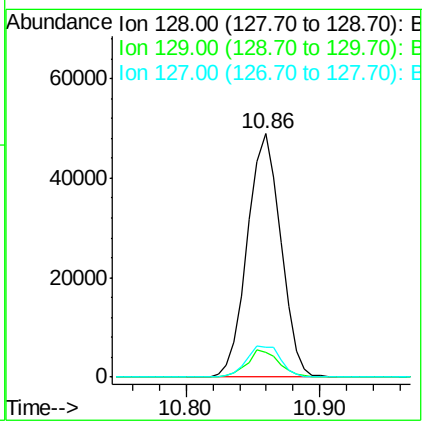


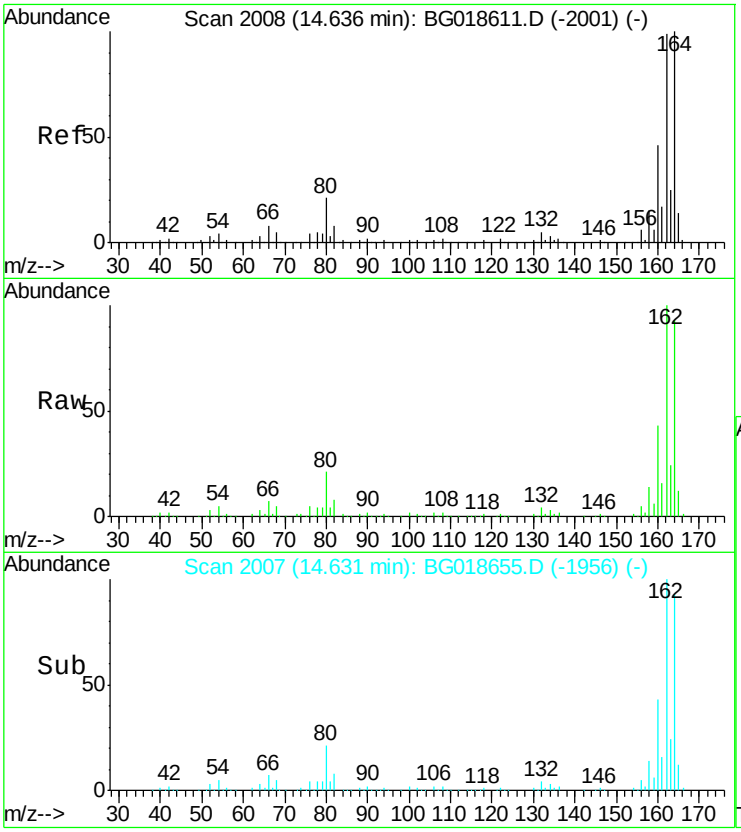


#31
Naphthalene
Concen: 6.30 ng
RT: 10.86 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Tgt Ion:128 Resp: 84497

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.5	12.7
127	12.3	10.6	16.0



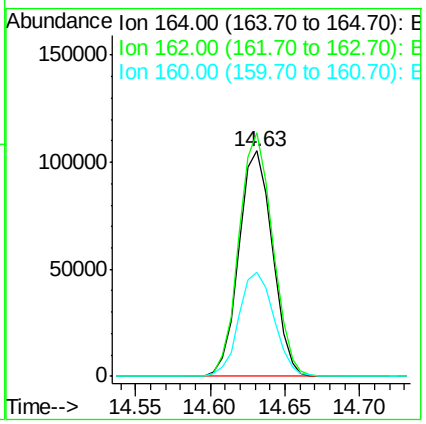


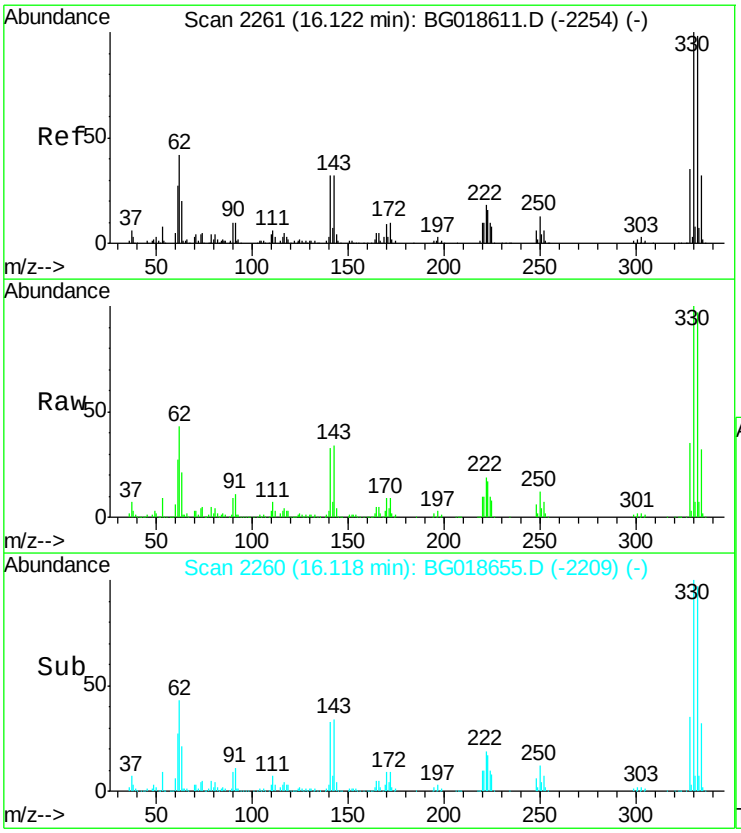
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Instrument :
BNA_G
ClientSampleId :
MGP210BR48-48.5

Tgt Ion:164 Resp: 163688

Ion	Ratio	Lower	Upper
164	100		
162	107.9	78.8	118.2
160	46.3	36.4	54.6

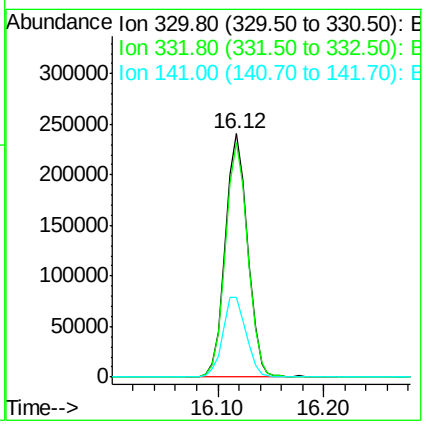


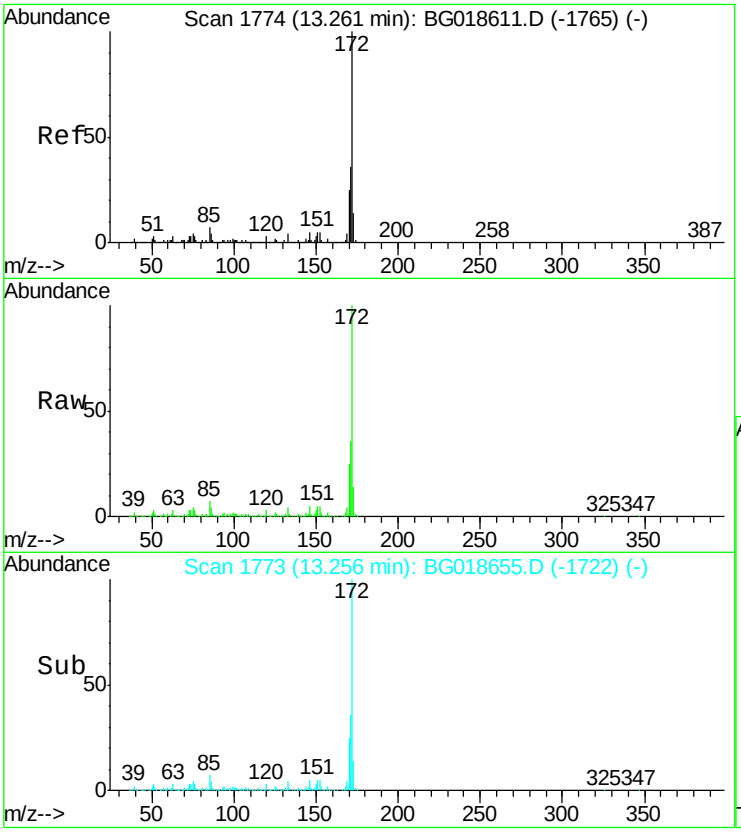


#41
2,4,6-Tribromophenol
Concen: 159.73 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Tgt Ion:330 Resp: 352055

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	34.6	28.2	42.2



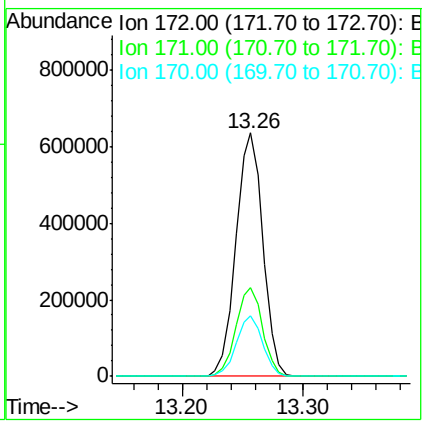


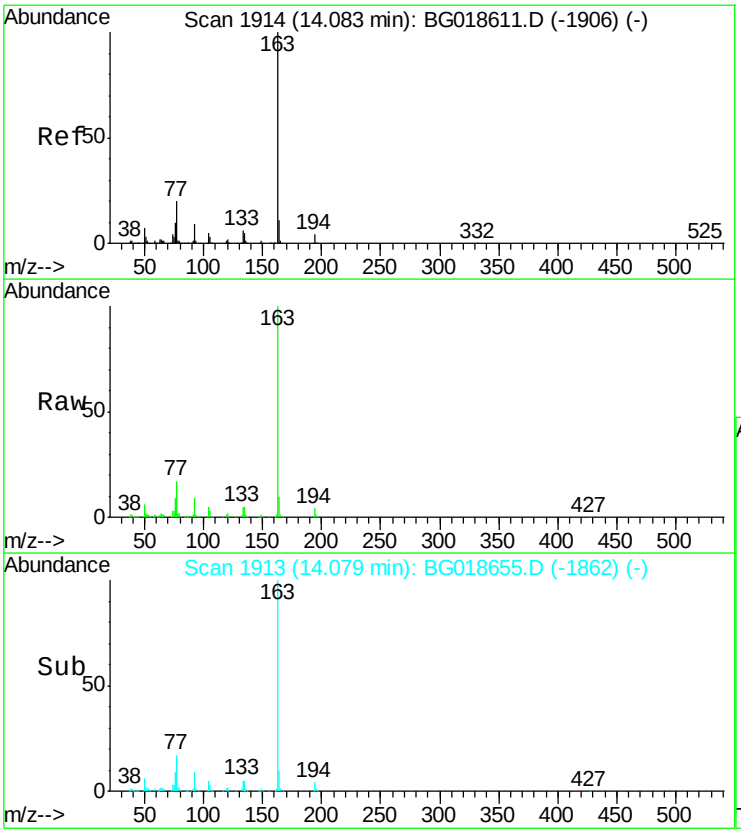
#44
2-Fluorobiphenyl
Concen: 83.72 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Instrument :
BNA_G
ClientSampleId :
MGP210BR48-48.5

Tgt Ion:172 Resp: 987241

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.8	19.9	29.9

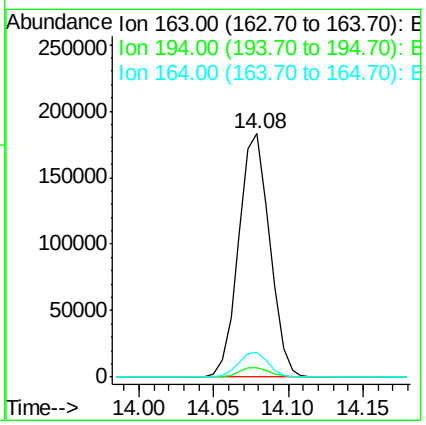


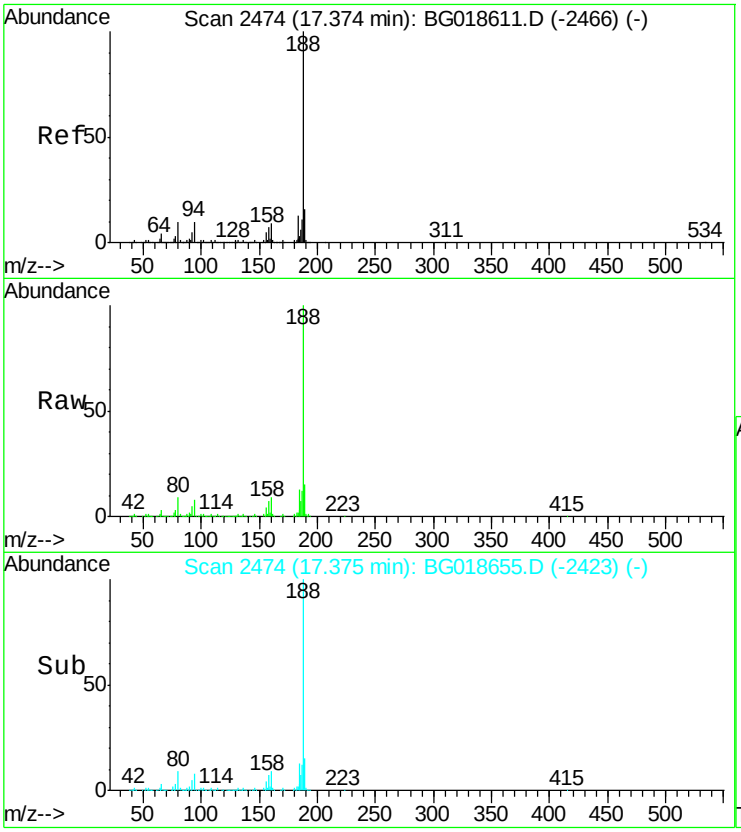


#49
Dimethylphthalate
Concen: 19.39 ng
RT: 14.08 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Tgt Ion:163 Resp: 262784

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.1	8.8	13.2



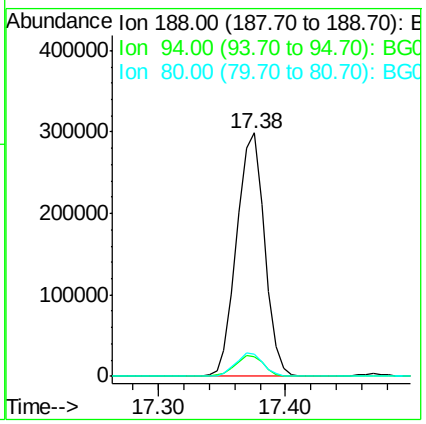


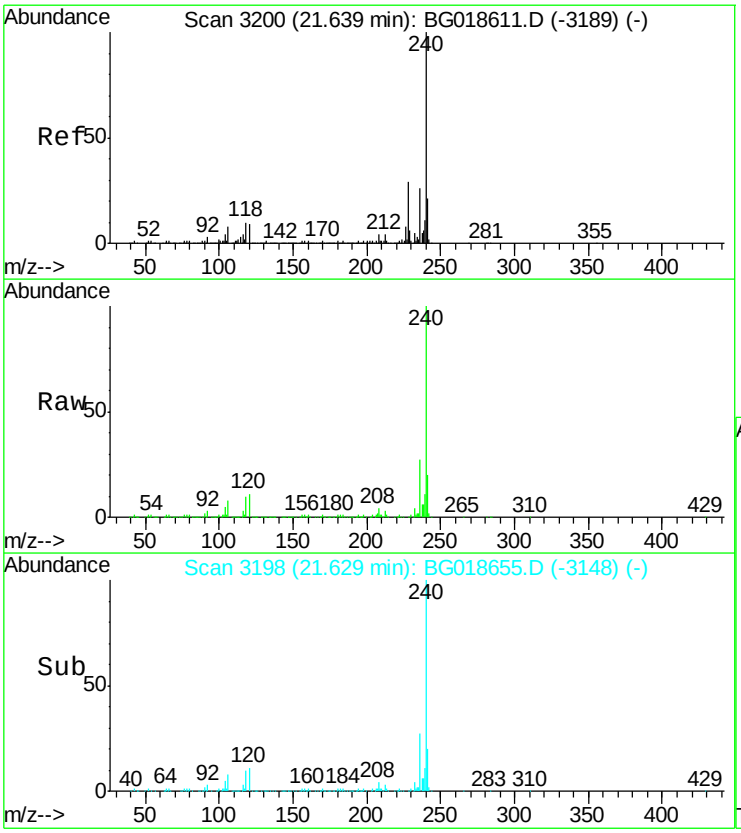
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Instrument :
BNA_G
ClientSampleId :
MGP210BR48-48.5

Tgt Ion:188 Resp: 454030

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.7	11.5
80	9.3	7.8	11.8

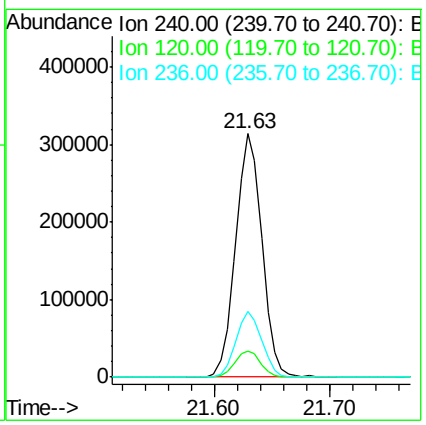


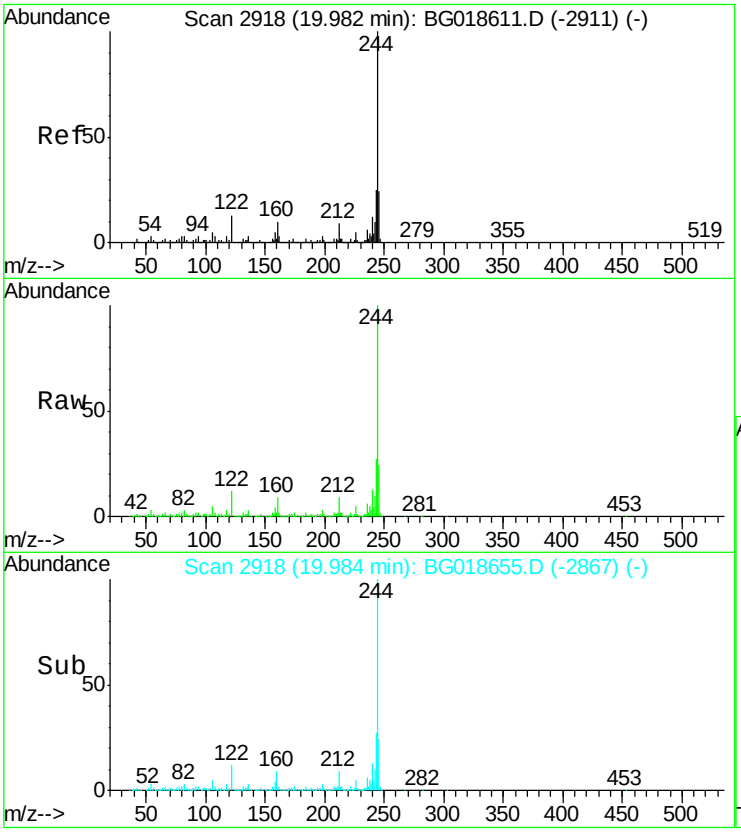


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Tgt Ion:240 Resp: 495447

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.4	11.0
236	27.0	20.7	31.1



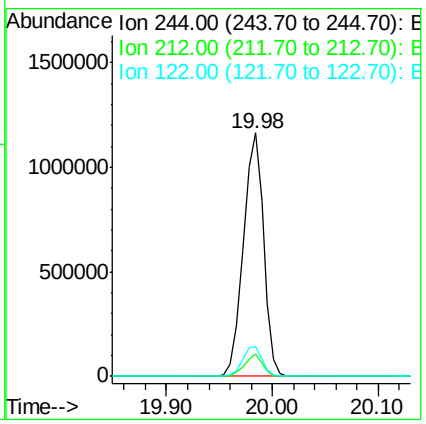


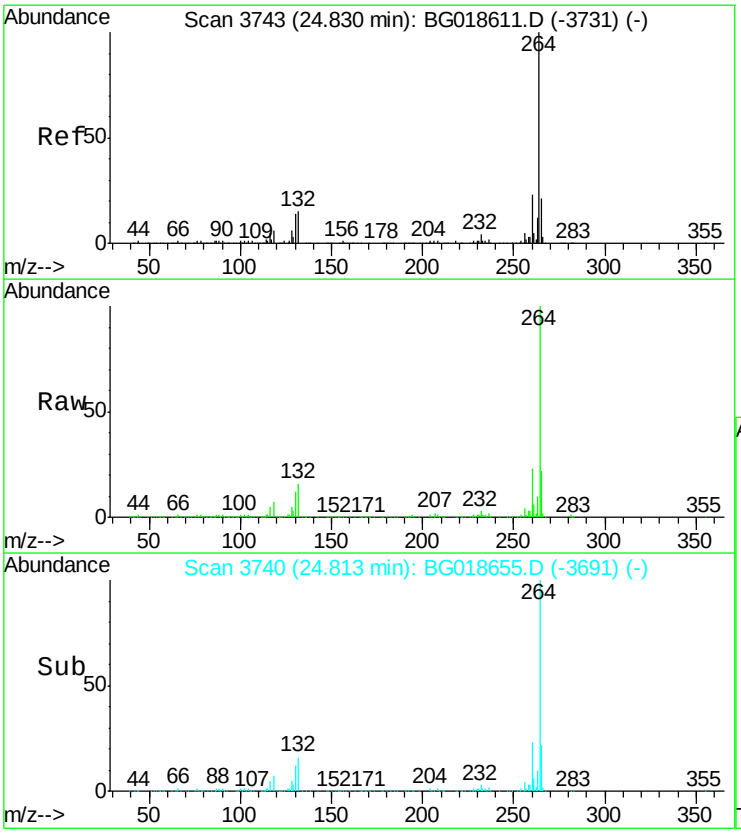
#78
Terphenyl-d14
Concen: 81.89 ng
RT: 19.98 min Scan# 2918
Delta R.T. 0.00 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Instrument :
BNA_G
ClientSampleId :
MGP210BR48-48.5

Tgt Ion:244 Resp: 1545125

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.9	10.3
122	12.5	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: BG018655.D
Acq: 12 Sep 2015 1:09

Tgt Ion:264 Resp: 494695

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	22.4	17.2	25.8