Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022985.D
Acq On : 10 Jul 2016 4:49
Operator : UM/SJ
Sample : H3915-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : O7-B1-0-11-C

Quant Time: Jul 11 02:34:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91143	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	414869	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	349054	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	838007	20.00	ng	0.00
75) Chrysene-d12	21.84	240	908966	20.00	ng	0.00
86) Perylene-d12	25.20	264	889326	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	893296	160.30	ng	0.00
7) Phenol-d6	7.31	99	1407359	161.24	ng	0.00
23) Nitrobenzene-d5	9.32	82	997933	103.00	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	804209	128.19	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2083036	94.00	ng	0.00
78) Terphenyl-d14	20.16	244	2939739	120.50	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.20	122	19601	2.81	ng	# 1
49) Dimethylphthalate	14.24	163	476584	16.71	ng	98

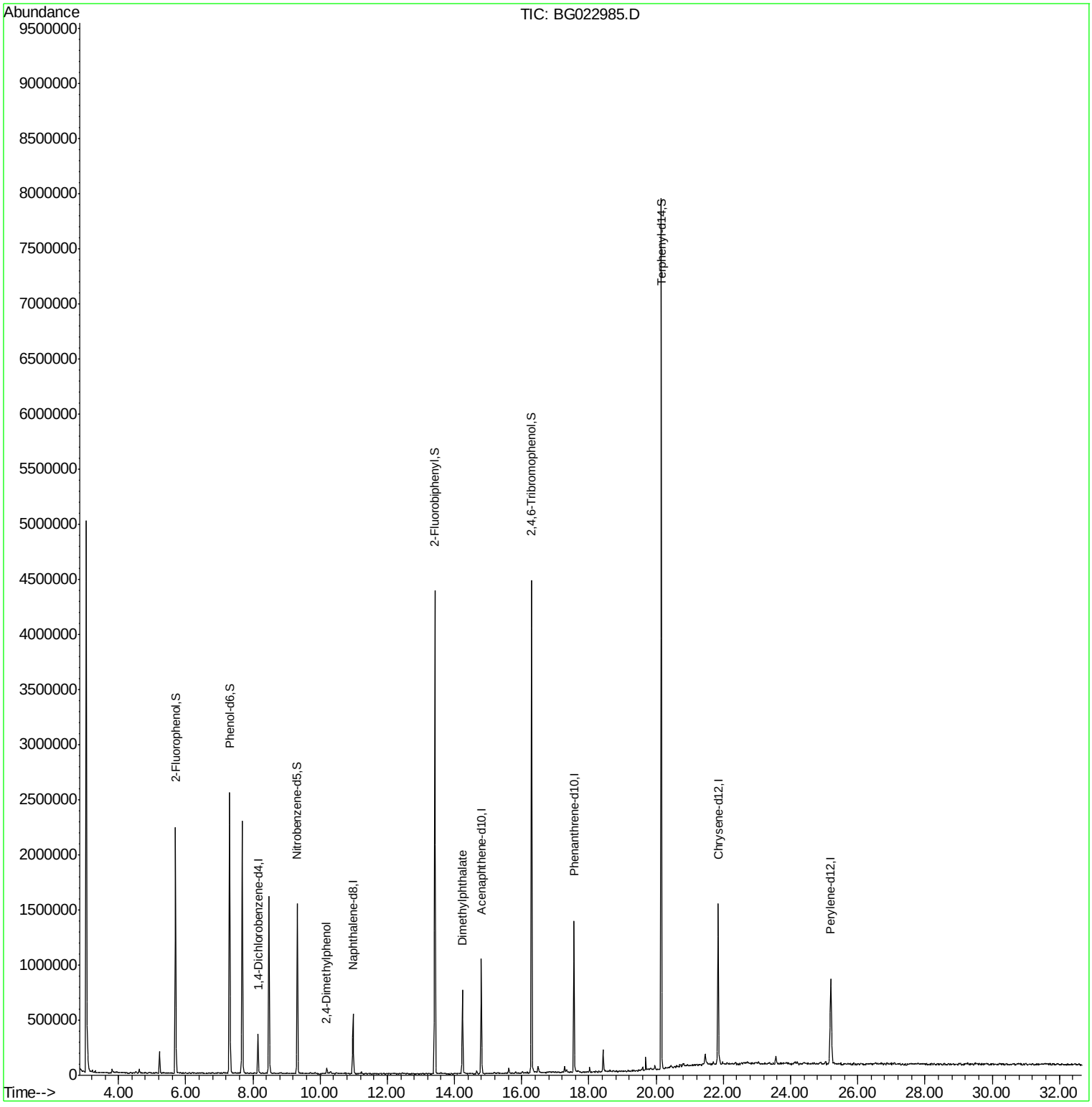
(#) = qualifier out of range (m) = manual integration (+) = signals summed

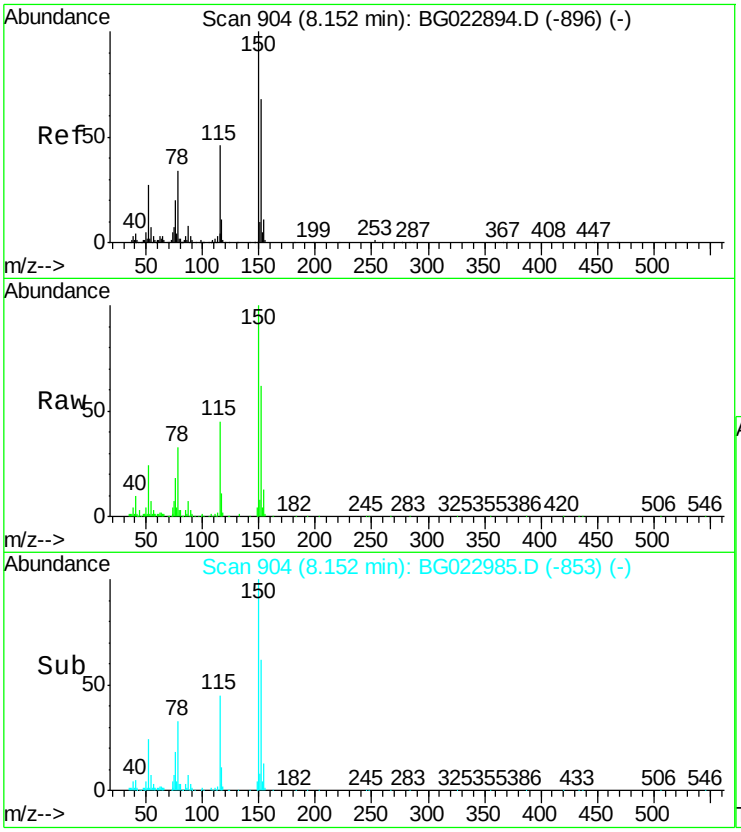
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022985.D
Acq On : 10 Jul 2016 4:49
Operator : UM/SJ
Sample : H3915-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
O7-B1-0-11-C

Quant Time: Jul 11 02:34:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration



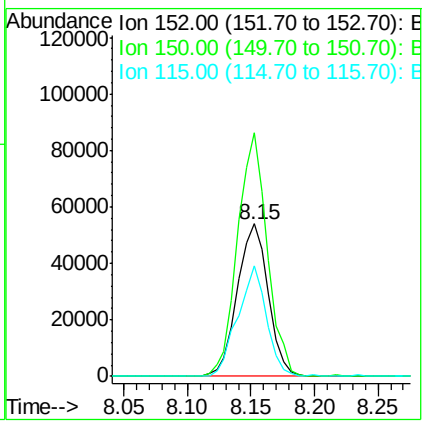


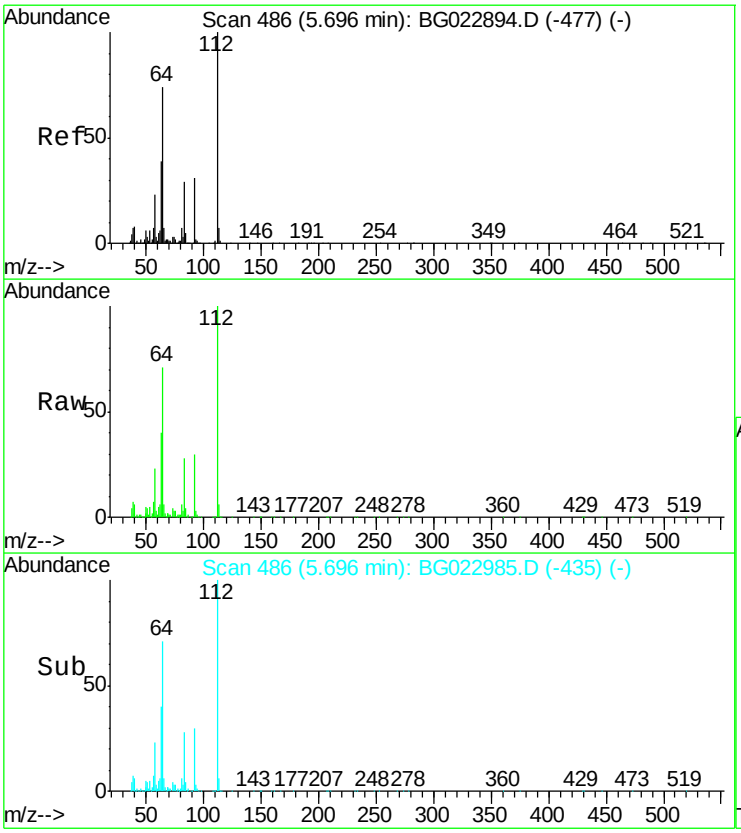
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Instrument :
BNA_G
ClientSampleId :
O7-B1-0-11-C

Tgt Ion:152 Resp: 91143

Ion	Ratio	Lower	Upper
152	100		
150	160.1	144.7	217.1
115	72.4	64.0	96.0

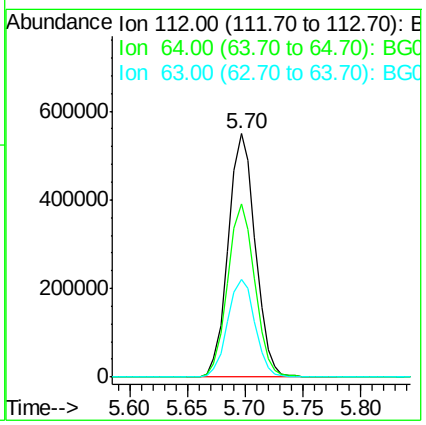


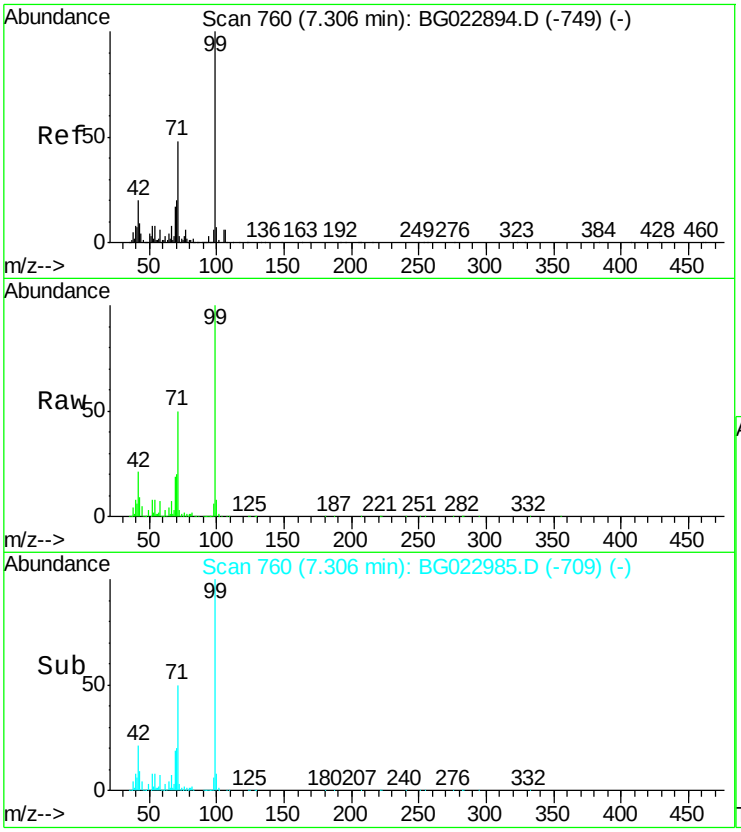


#5
2-Fluorophenol
Concen: 160.30 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Tgt Ion:112 Resp: 893296

Ion	Ratio	Lower	Upper
112	100		
64	71.3	59.0	88.4
63	39.9	37.8	56.8



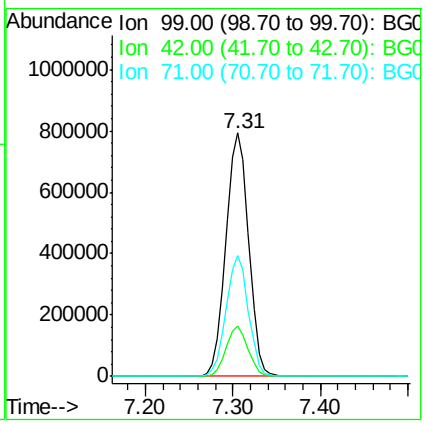


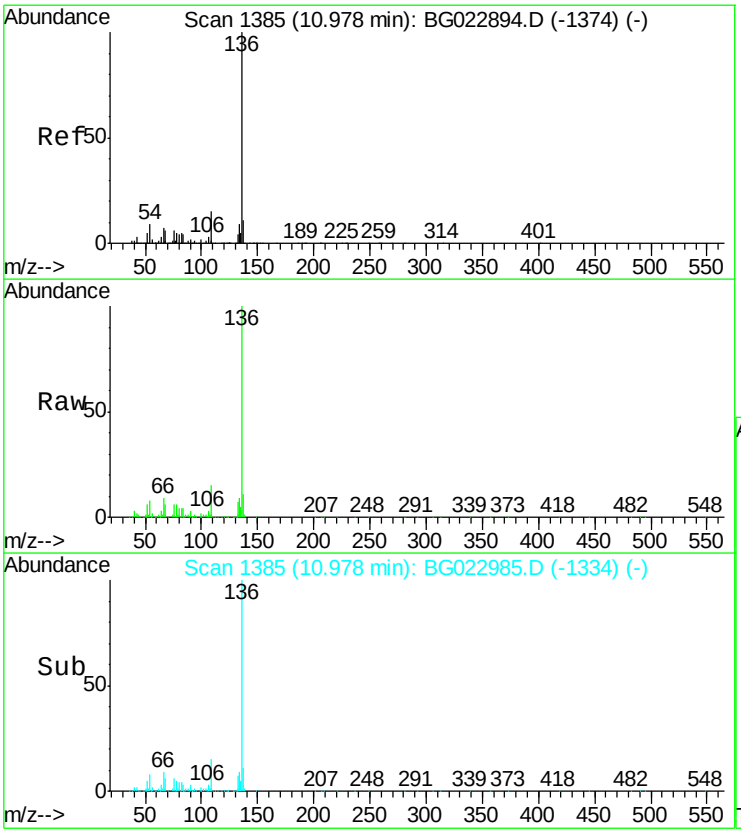
#7
Phenol-d6
Concen: 161.24 ng
RT: 7.31 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Instrument :
BNA_G
ClientSampleId :
O7-B1-0-11-C

Tgt Ion: 99 Resp: 1407359

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.8	26.6
71	49.8	41.5	62.3

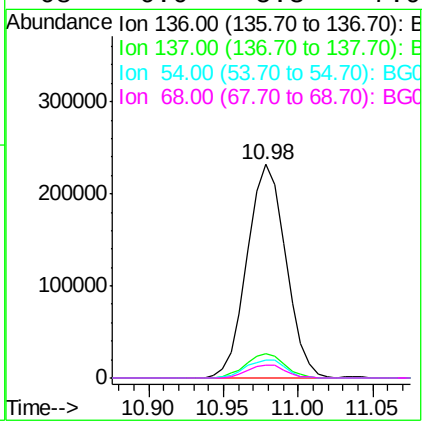


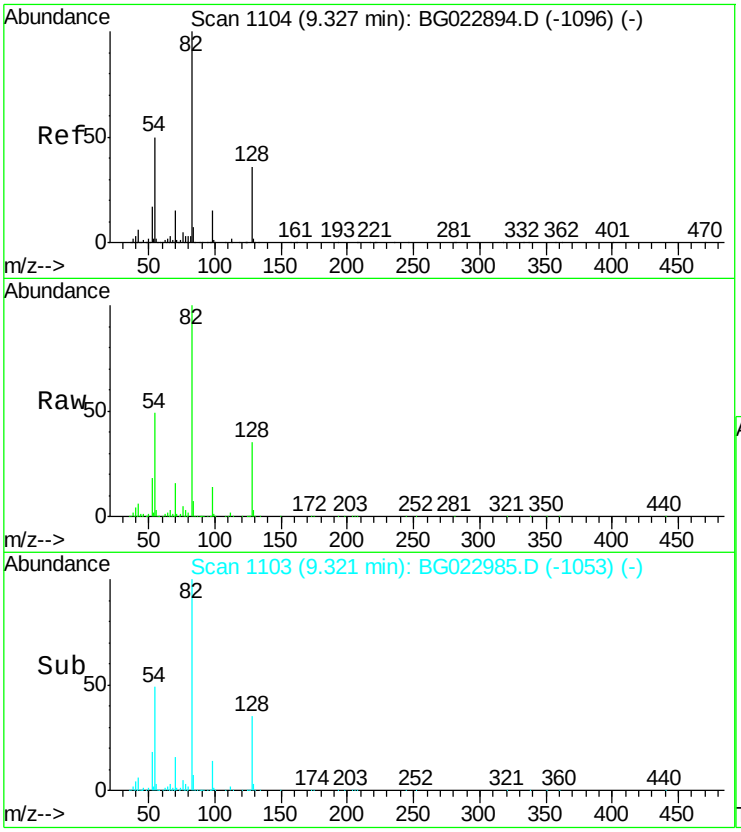


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Tgt Ion:136 Resp: 414869

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	8.4	7.3	10.9
68	6.0	5.3	7.9



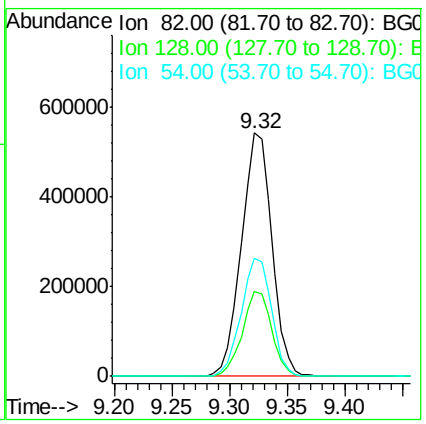


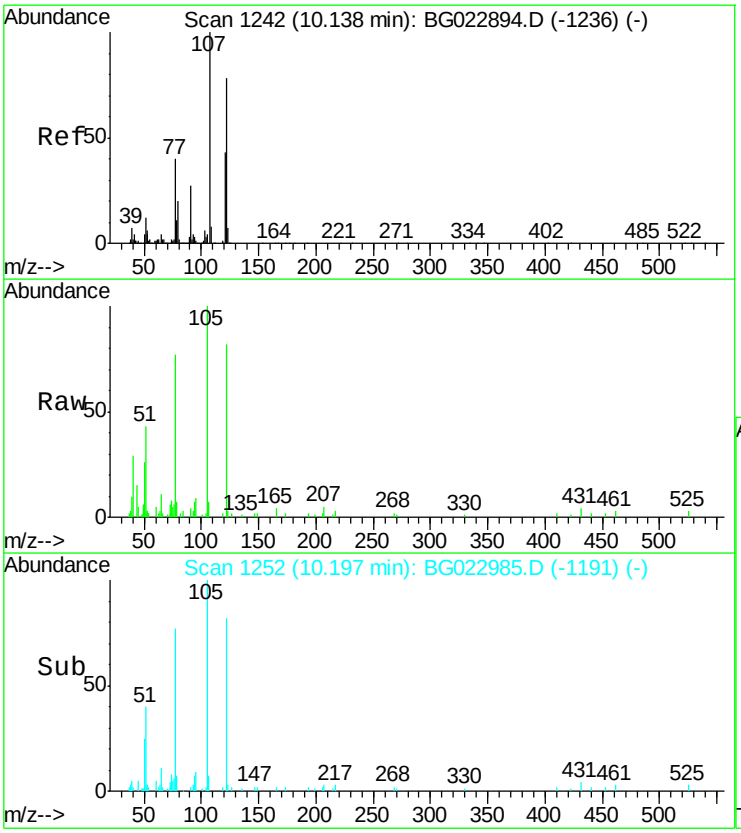
#23
Nitrobenzene-d5
Concen: 103.00 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Instrument :
BNA_G
ClientSampleId :
O7-B1-0-11-C

Tgt Ion: 82 Resp: 997933

Ion	Ratio	Lower	Upper
82	100		
128	34.6	24.4	36.6
54	48.6	41.4	62.0

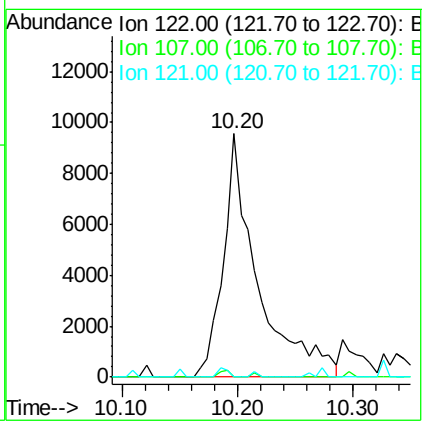


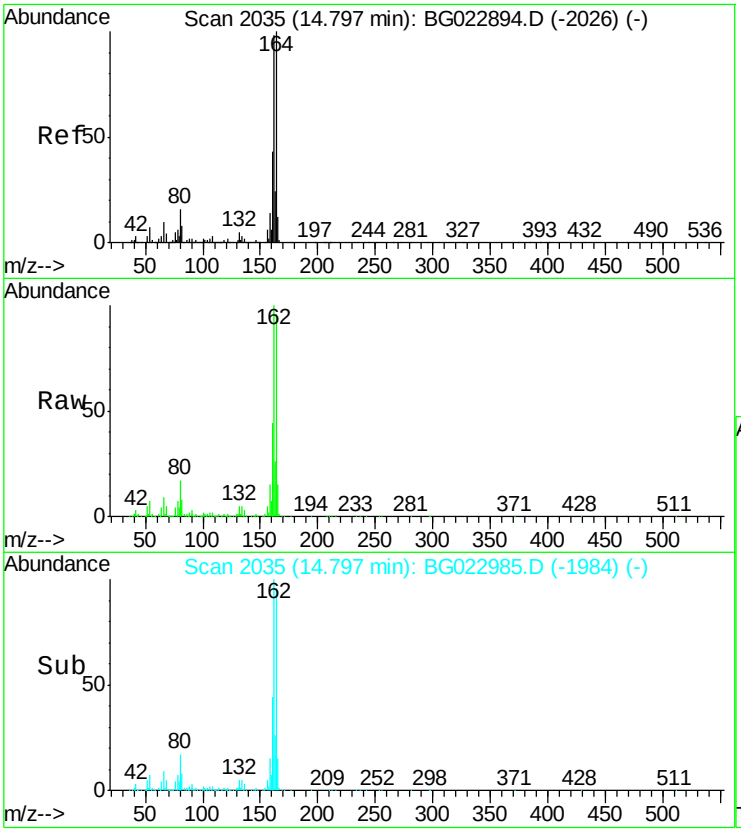


#27
2,4-Dimethylphenol
Concen: 2.81 ng
RT: 10.20 min Scan# 1252
Delta R.T. 0.06 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Tgt Ion:122 Resp: 19601

Ion	Ratio	Lower	Upper
122	100		
107	0.0	117.0	175.4#
121	0.0	50.1	75.1#



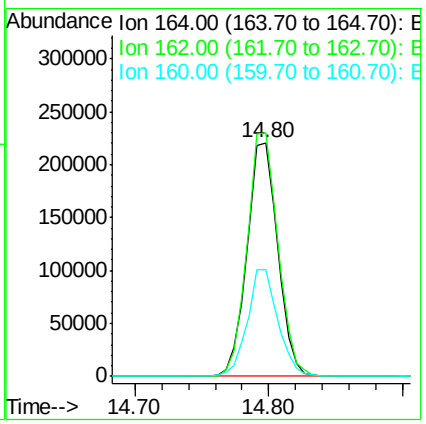


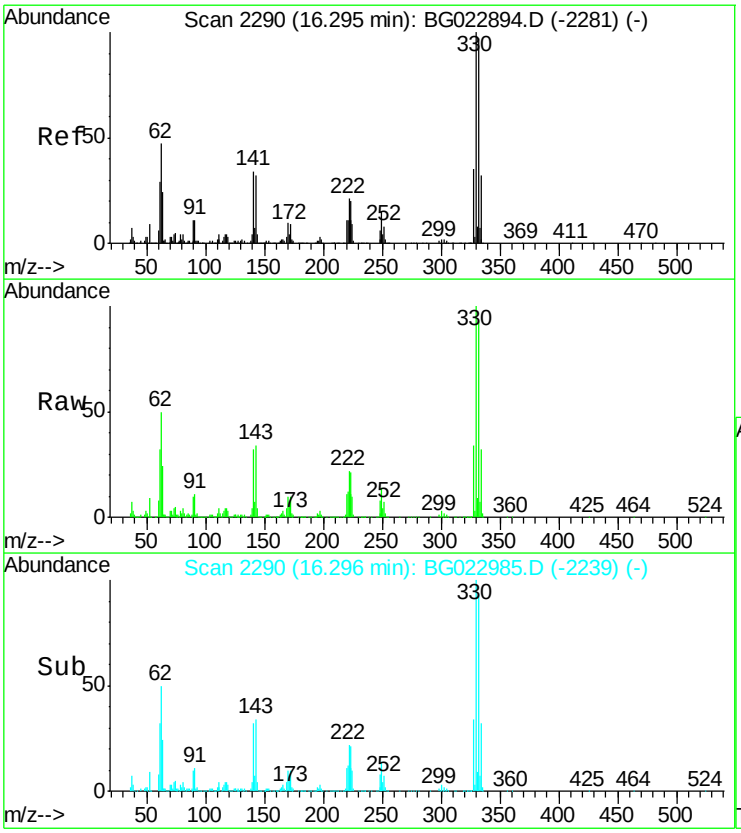
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Instrument :
BNA_G
ClientSampleId :
O7-B1-0-11-C

Tgt Ion:164 Resp: 349054

Ion	Ratio	Lower	Upper
164	100		
162	104.2	87.7	131.5
160	45.5	37.2	55.8

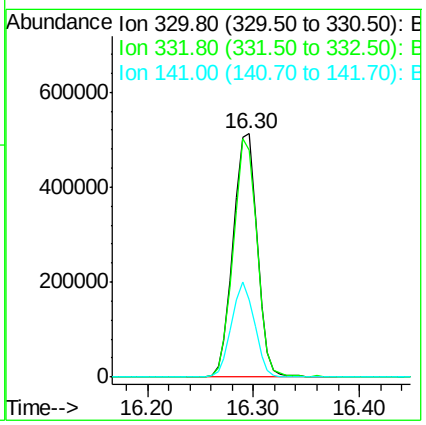


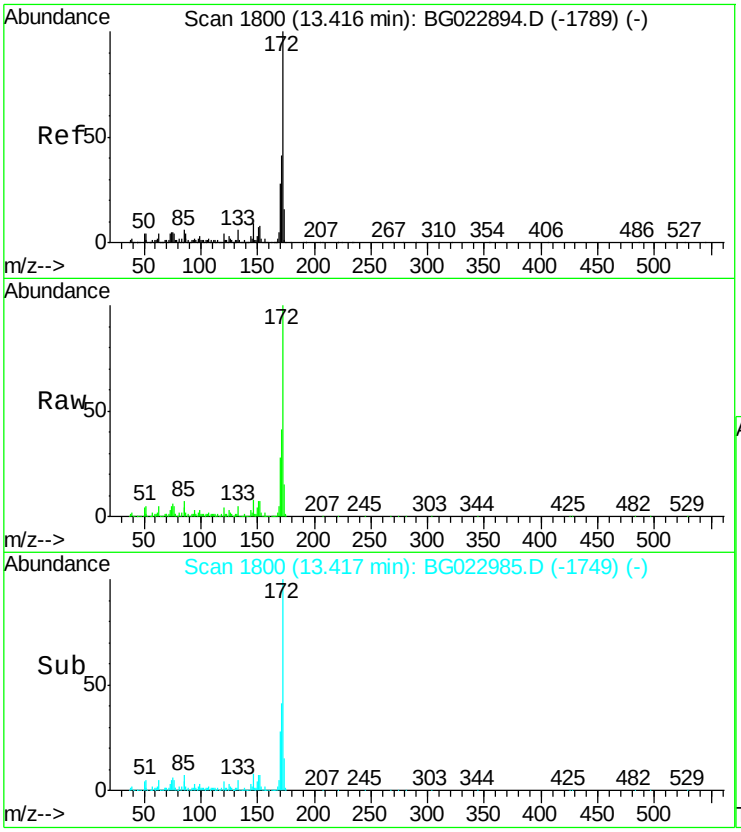


#41
2,4,6-Tribromophenol
Concen: 128.19 ng
RT: 16.30 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Tgt Ion:330 Resp: 804209

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	37.3	31.7	47.5



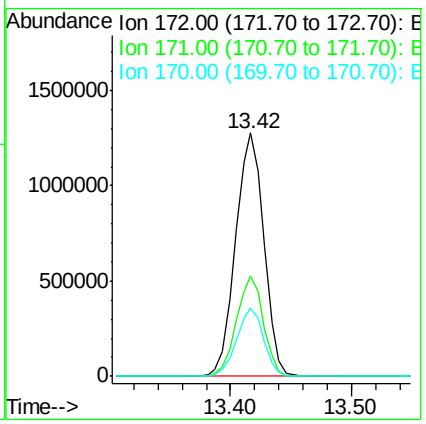


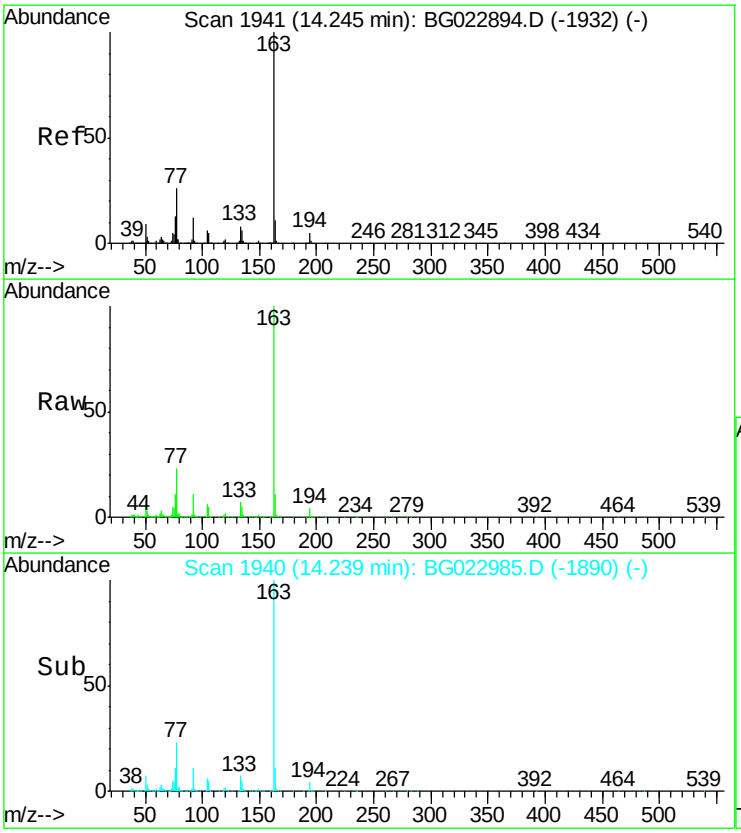
#44
2-Fluorobiphenyl
Concen: 94.00 ng
RT: 13.42 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Instrument :
BNA_G
ClientSampleId :
O7-B1-0-11-C

Tgt Ion:172 Resp: 2083036

Ion	Ratio	Lower	Upper
172	100		
171	41.3	31.6	47.4
170	28.0	21.3	31.9

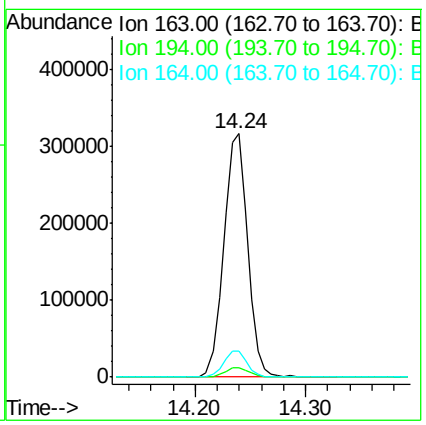


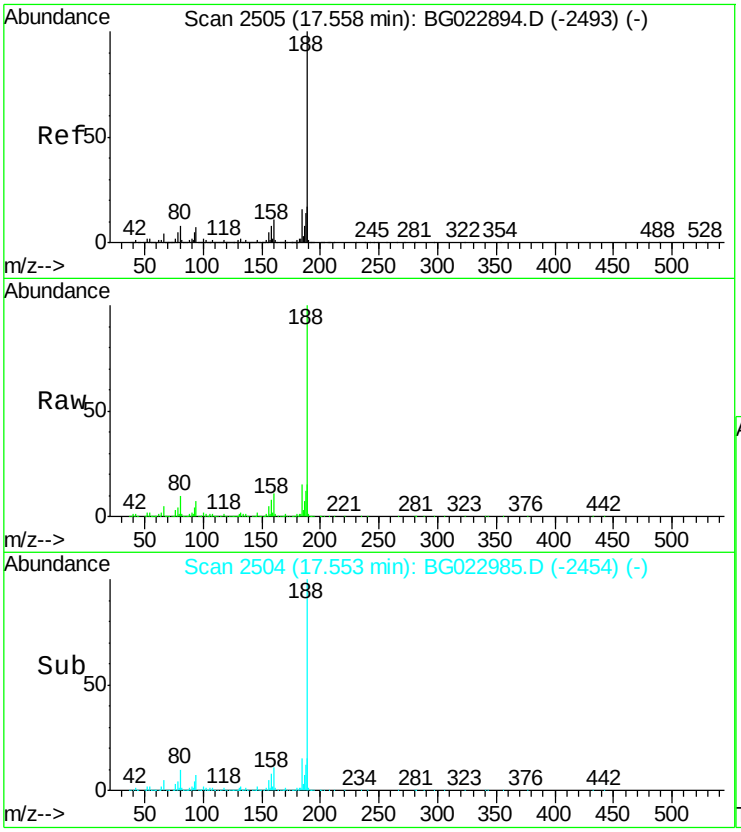


#49
Dimethylphthalate
Concen: 16.71 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Tgt Ion:163 Resp: 476584

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	10.7	8.1	12.1



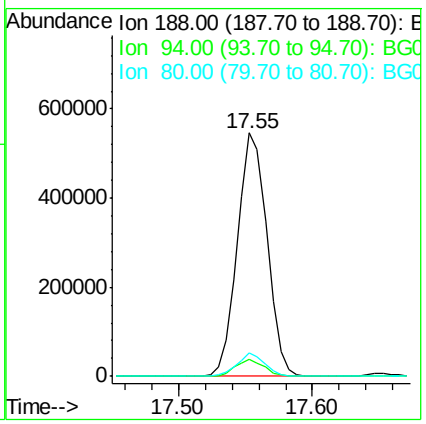


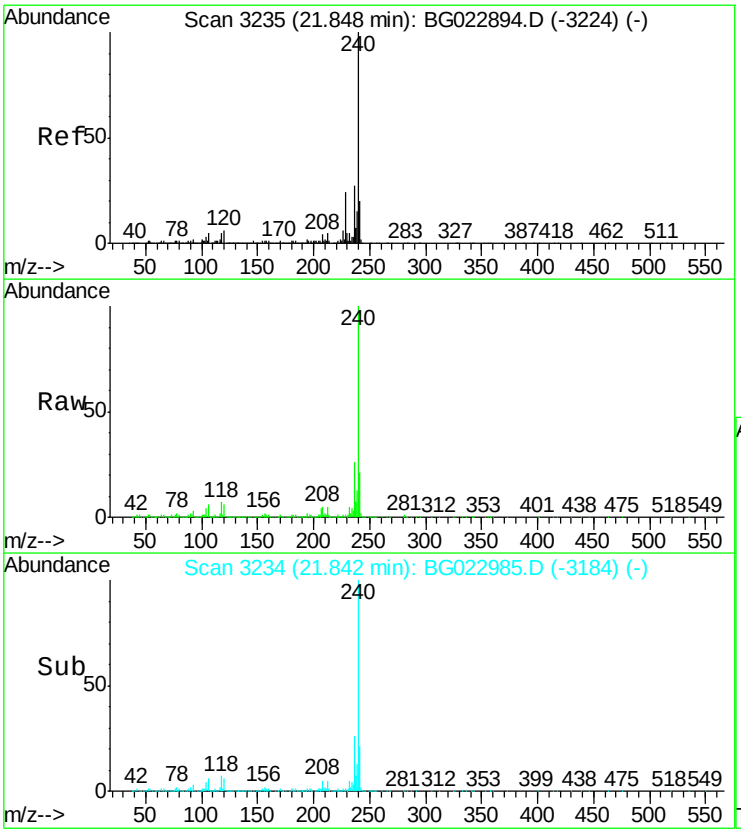
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Instrument :
BNA_G
ClientSampleId :
O7-B1-0-11-C

Tgt Ion:188 Resp: 838007

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.2	7.8
80	9.6	7.2	10.8

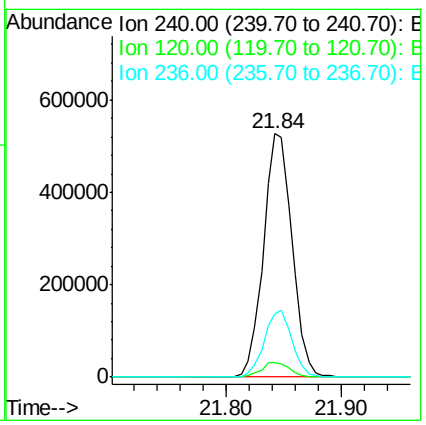


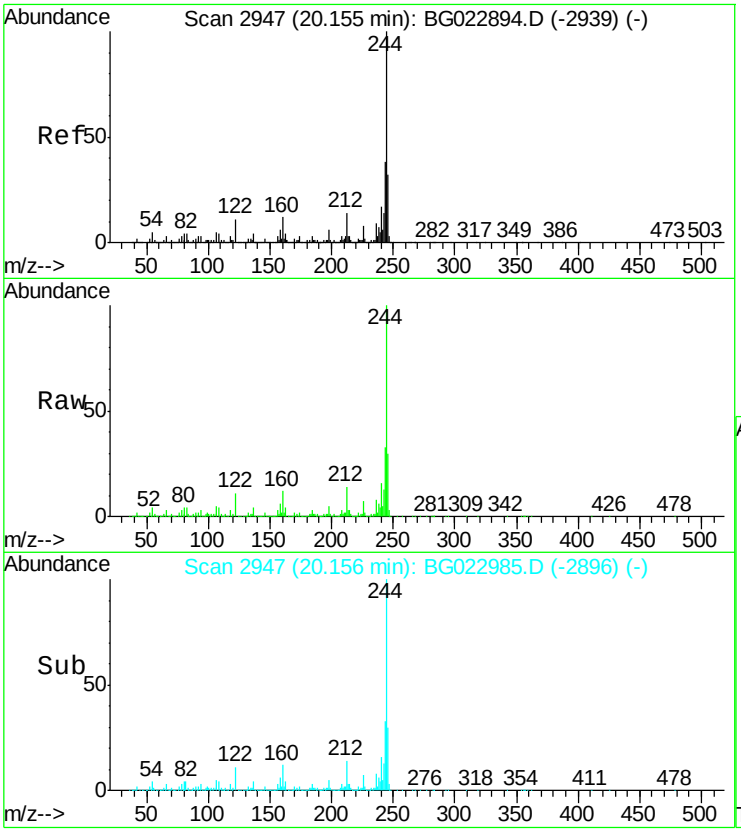


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Tgt Ion:240 Resp: 908966

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.1	6.1#
236	26.1	21.1	31.7



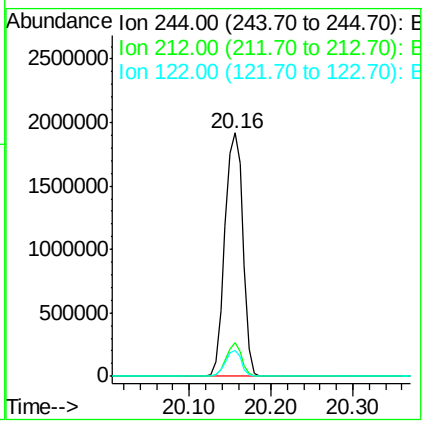


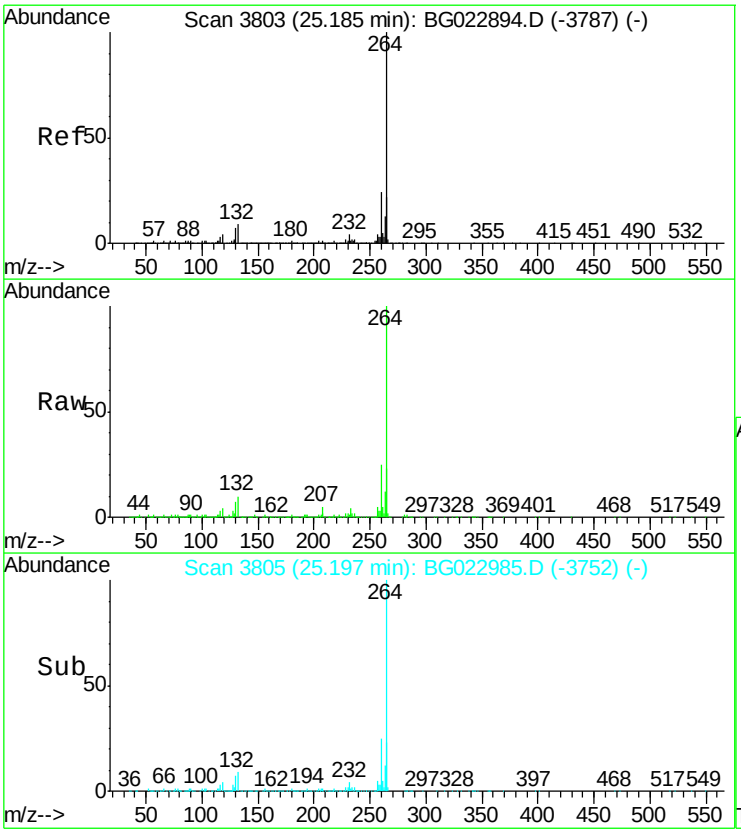
#78
Terphenyl-d14
Concen: 120.50 ng
RT: 20.16 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Instrument :
BNA_G
ClientSampleId :
O7-B1-0-11-C

Tgt Ion:244 Resp: 2939739

Ion	Ratio	Lower	Upper
244	100		
212	13.9	10.8	16.2
122	10.7	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3805
Delta R.T. 0.01 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Tgt Ion:264 Resp: 889326

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.4	27.6
265	22.8	18.9	28.3