Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
Data File : BG023316.D
Acq On : 28 Jul 2016 21:06
Operator : UM/SJ
Sample : H4205-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-39-12.0-13.0

Quant Time: Jul 29 01:09:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	167114	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	787835	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	535021	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1288235	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1337062	20.00	ng	0.00
86) Perylene-d12	25.30	264	1344735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1394506	142.46	ng	0.00
7) Phenol-d6	7.29	99	2067986	137.60	ng	0.00
23) Nitrobenzene-d5	9.31	82	1373809	85.27	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	908223	164.01	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2612459	91.39	ng	0.00
78) Terphenyl-d14	20.18	244	3168019	77.02	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.15	122	69	8.12	ng	# 31
49) Dimethylphthalate	14.25	163	853527	21.62	ng	99

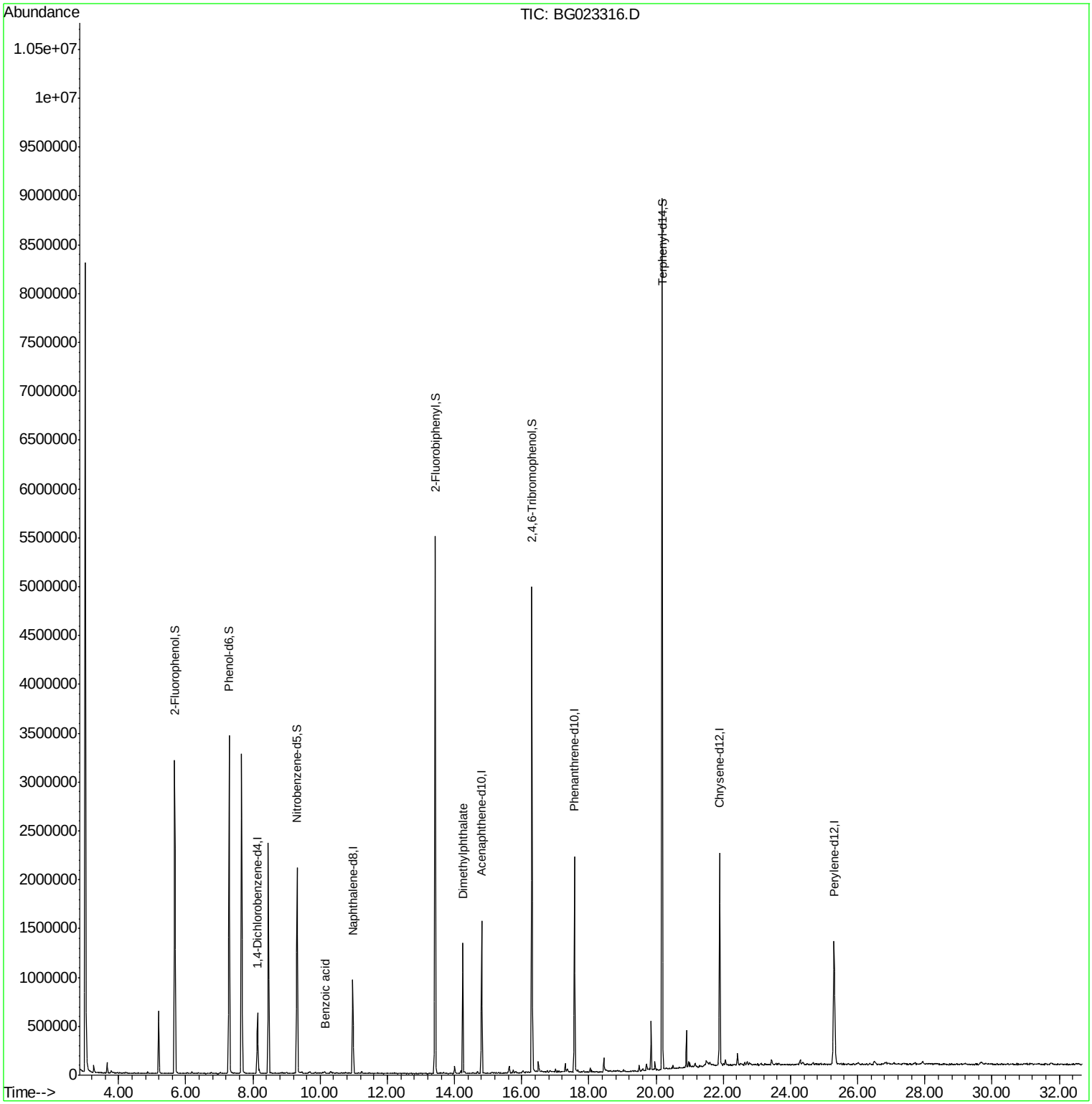
(#) = qualifier out of range (m) = manual integration (+) = signals summed

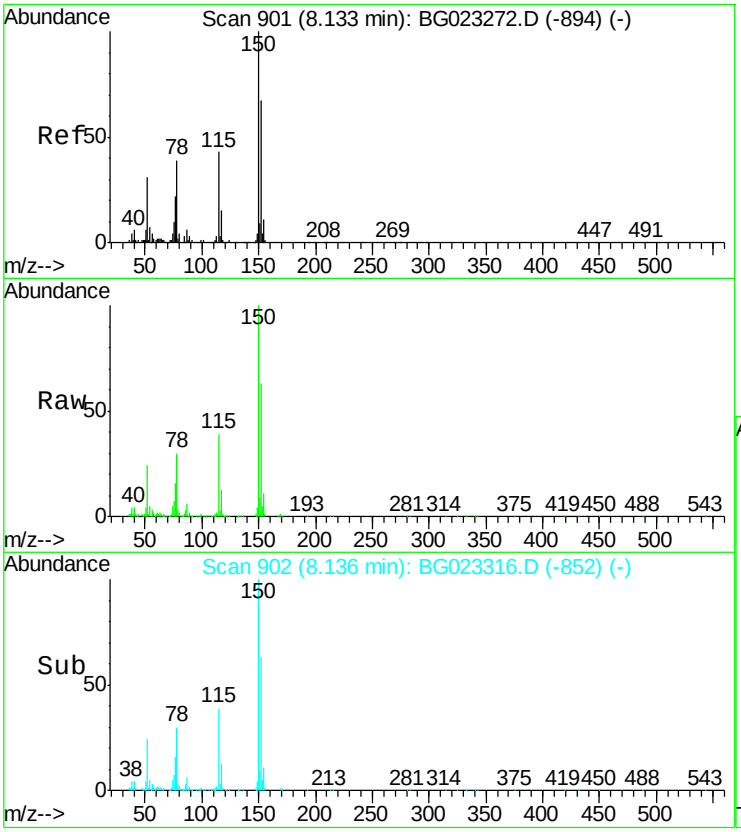
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
Data File : BG023316.D
Acq On : 28 Jul 2016 21:06
Operator : UM/SJ
Sample : H4205-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-39-12.0-13.0

Quant Time: Jul 29 01:09:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration



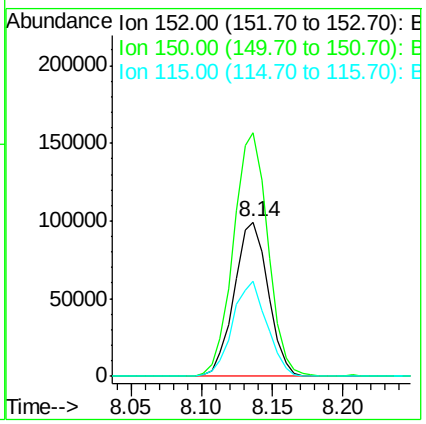


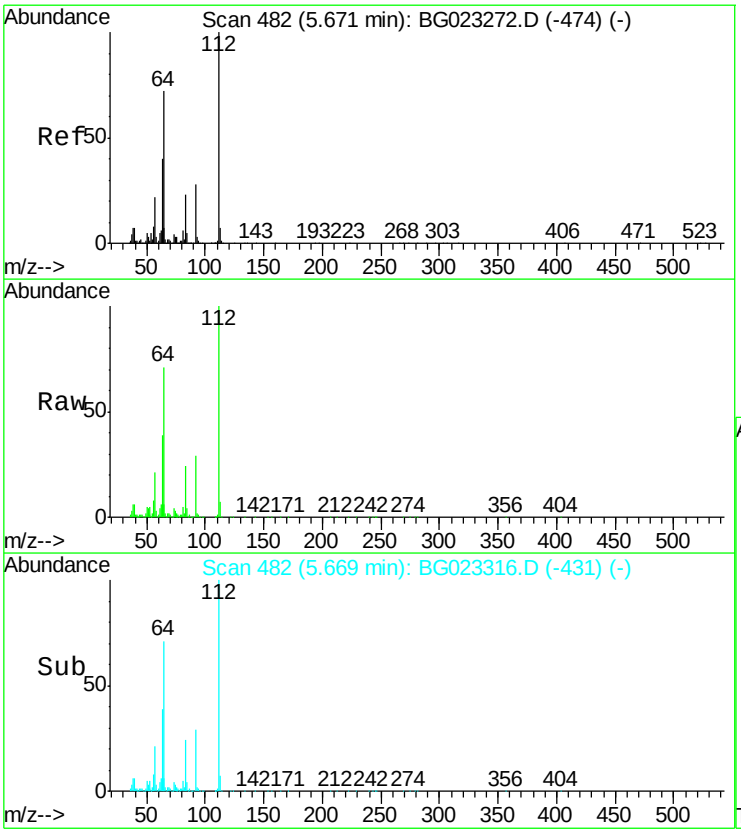
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Instrument :
BNA_G
ClientSampleId :
SB-39-12.0-13.0

Tgt Ion:152 Resp: 167114

Ion	Ratio	Lower	Upper
152	100		
150	158.1	144.7	217.1
115	62.1	64.0	96.0#

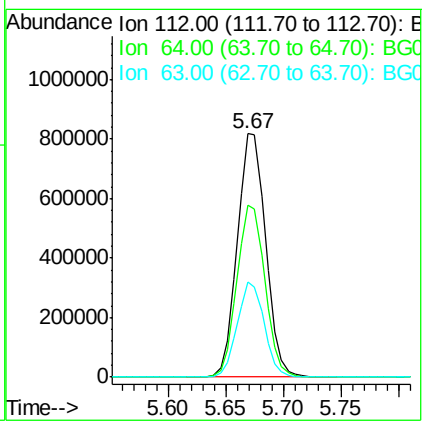


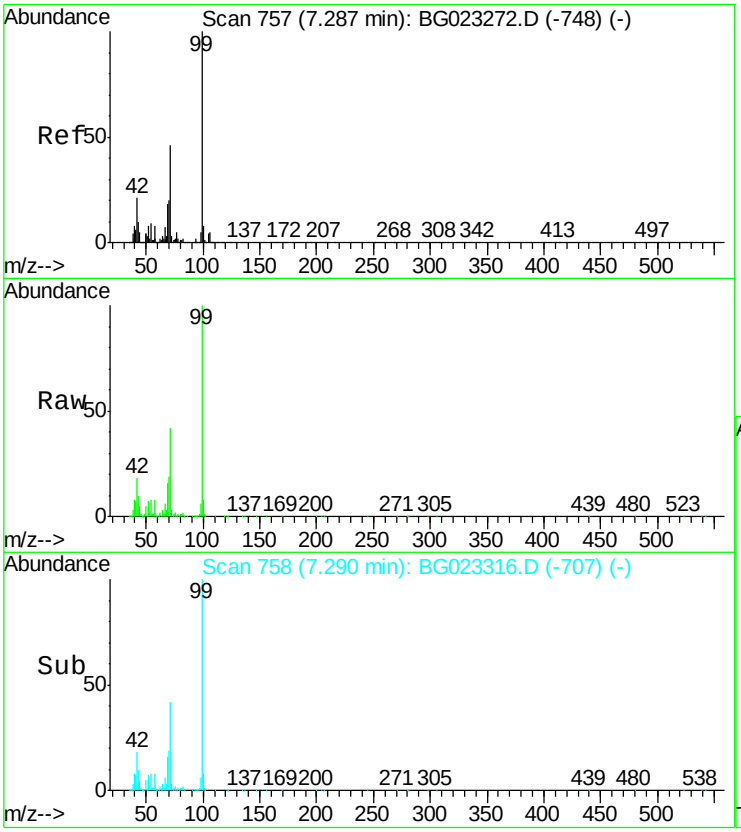


#5
2-Fluorophenol
Concen: 142.46 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Tgt Ion:112 Resp: 1394506

Ion	Ratio	Lower	Upper
112	100		
64	70.8	59.0	88.4
63	39.0	37.8	56.8



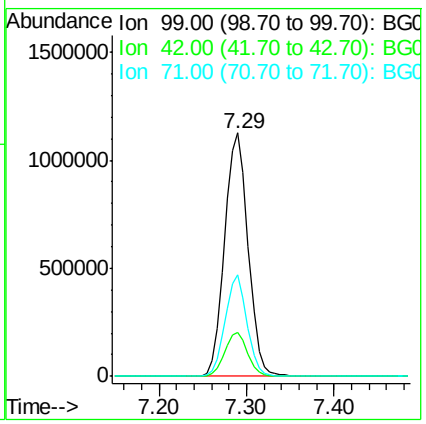


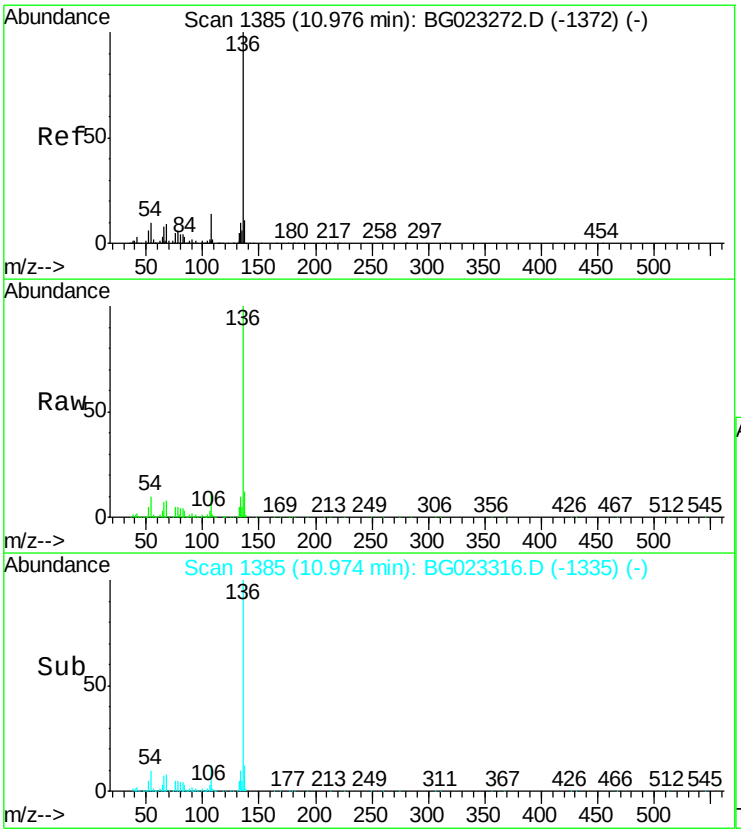
#7
Phenol-d6
Concen: 137.60 ng
RT: 7.29 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Instrument :
BNA_G
ClientSampleId :
SB-39-12.0-13.0

Tgt Ion: 99 Resp: 2067986

Ion	Ratio	Lower	Upper
99	100		
42	17.8	17.8	26.6
71	41.6	41.5	62.3

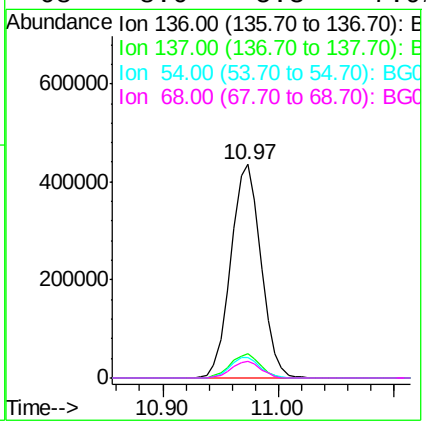


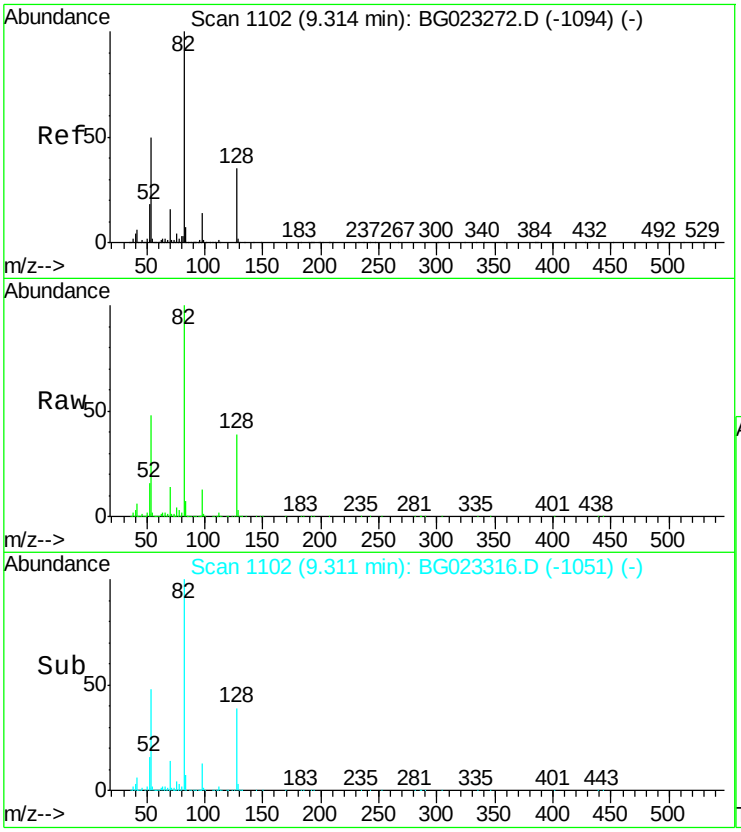


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Tgt Ion:136 Resp: 787835

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.7	7.3	10.9
68	8.0	5.3	7.9#



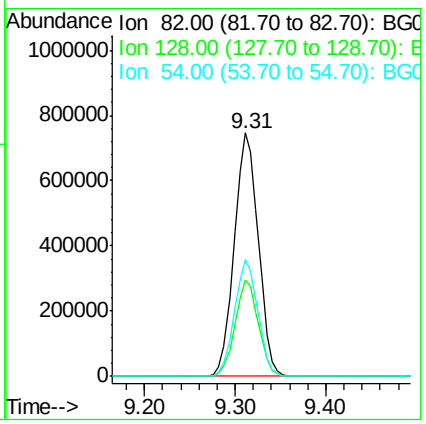


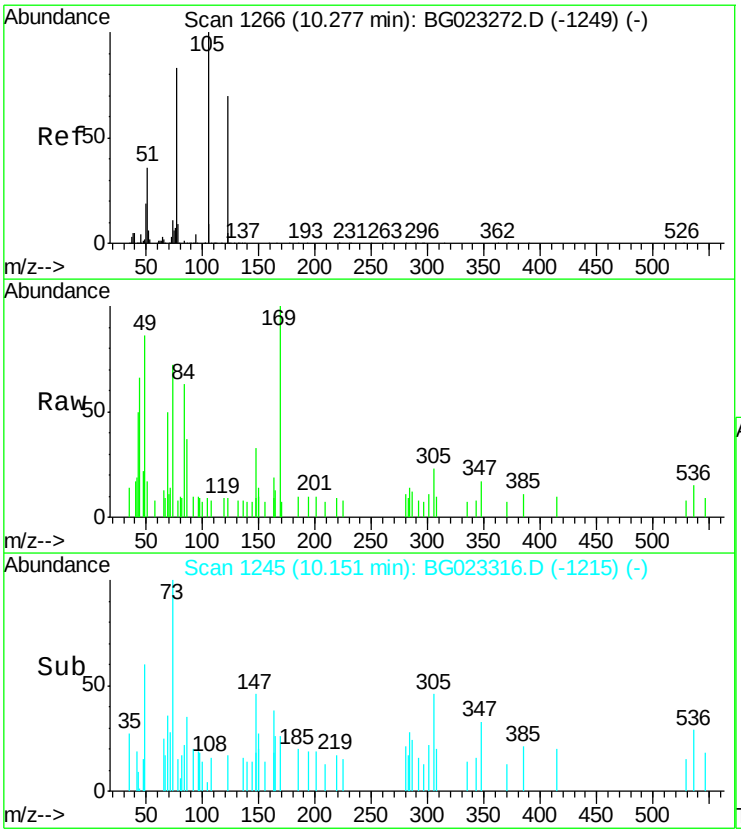
#23
Nitrobenzene-d5
Concen: 85.27 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Instrument :
BNA_G
ClientSampleId :
SB-39-12.0-13.0

Tgt Ion: 82 Resp: 1373809

Ion	Ratio	Lower	Upper
82	100		
128	39.4	24.4	36.6#
54	48.0	41.4	62.0

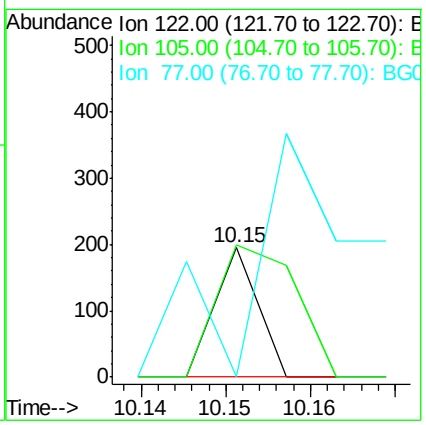


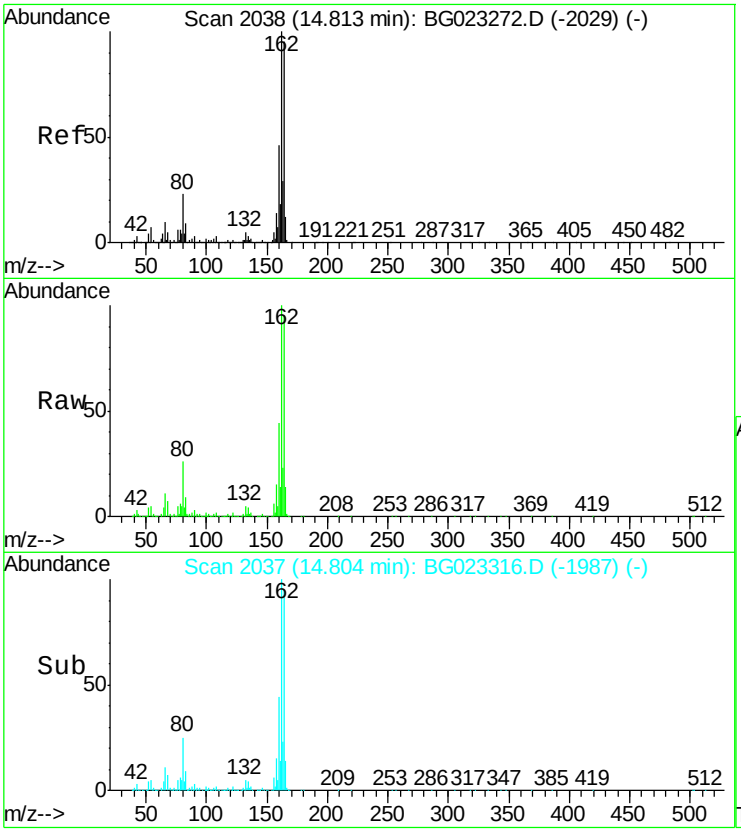


#32
Benzoic acid
Concen: 8.12 ng
RT: 10.15 min Scan# 1245
Delta R.T. -0.13 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Tgt Ion:122 Resp: 69

Ion	Ratio	Lower	Upper
122	100		
105	102.6	117.2	157.2#
77	0.0	109.2	149.2#



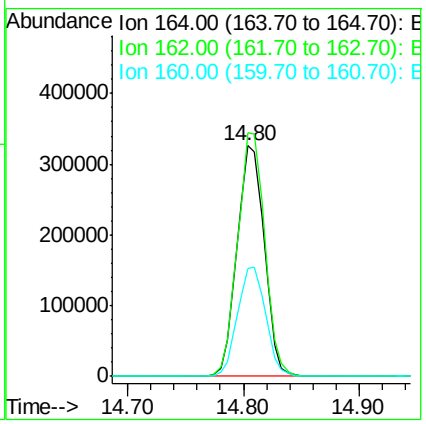


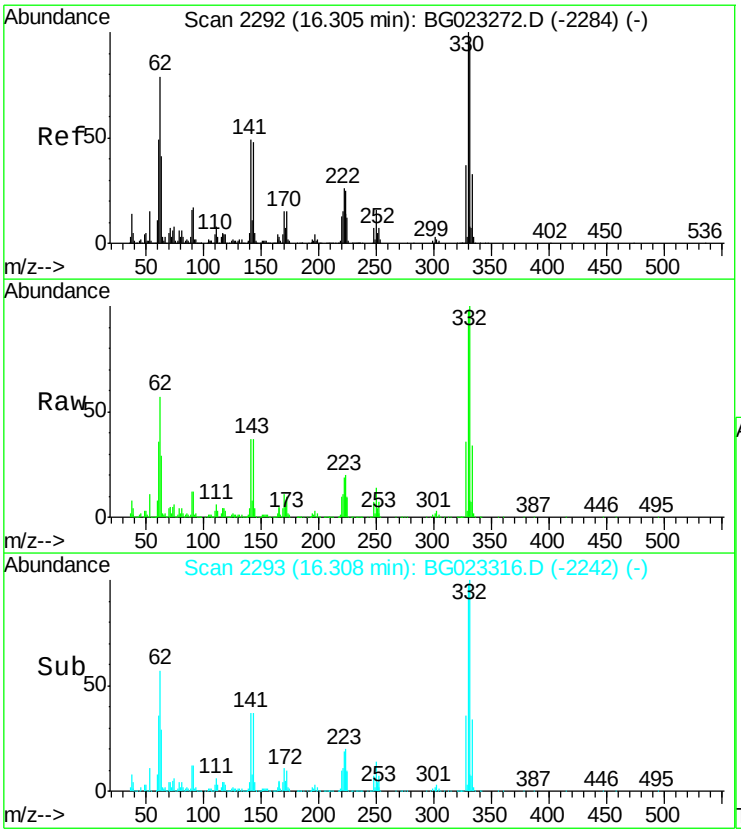
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Instrument :
BNA_G
ClientSampleId :
SB-39-12.0-13.0

Tgt Ion:164 Resp: 535021

Ion	Ratio	Lower	Upper
164	100		
162	105.6	87.7	131.5
160	46.8	37.2	55.8

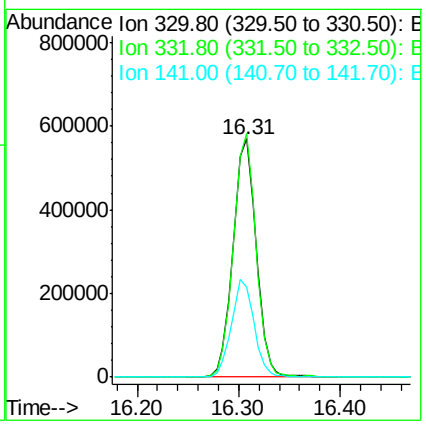


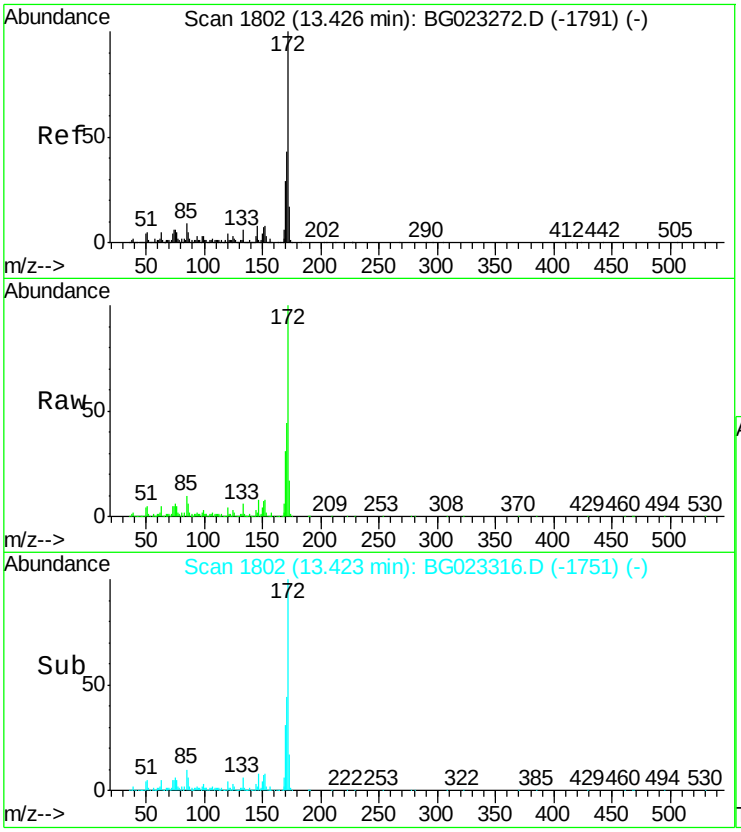


#41
2,4,6-Tribromophenol
Concen: 164.01 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Tgt Ion:330 Resp: 908223

Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.4	116.2
141	40.0	31.7	47.5



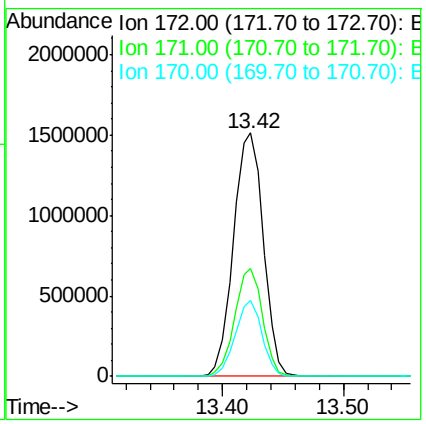


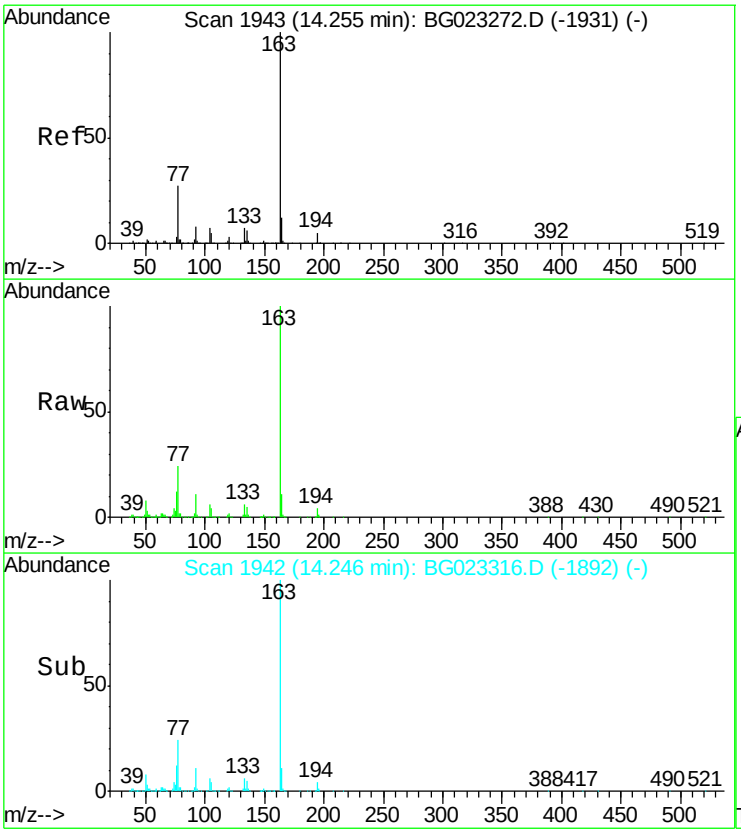
#44
2-Fluorobiphenyl
Concen: 91.39 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Instrument :
BNA_G
ClientSampleId :
SB-39-12.0-13.0

Tgt Ion:172 Resp: 2612459

Ion	Ratio	Lower	Upper
172	100		
171	44.4	31.6	47.4
170	31.1	21.3	31.9

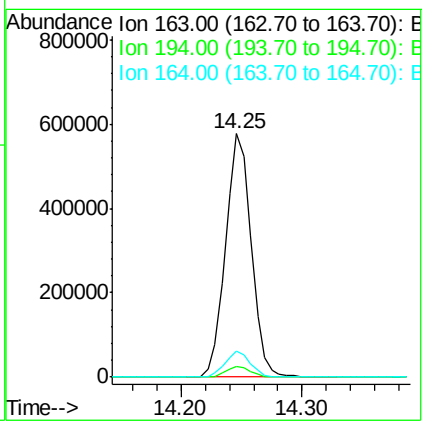


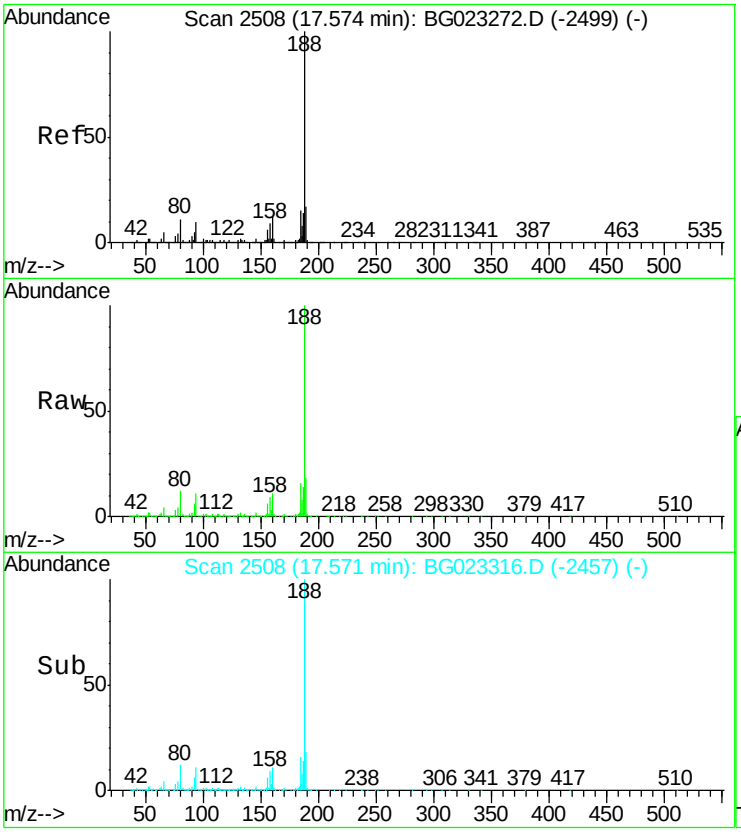


#49
Dimethylphthalate
Concen: 21.62 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Tgt Ion:163 Resp: 853527

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.6	8.1	12.1



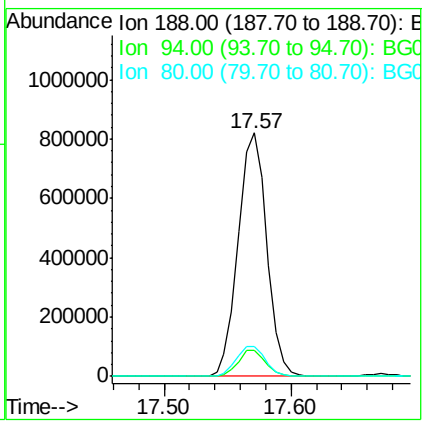


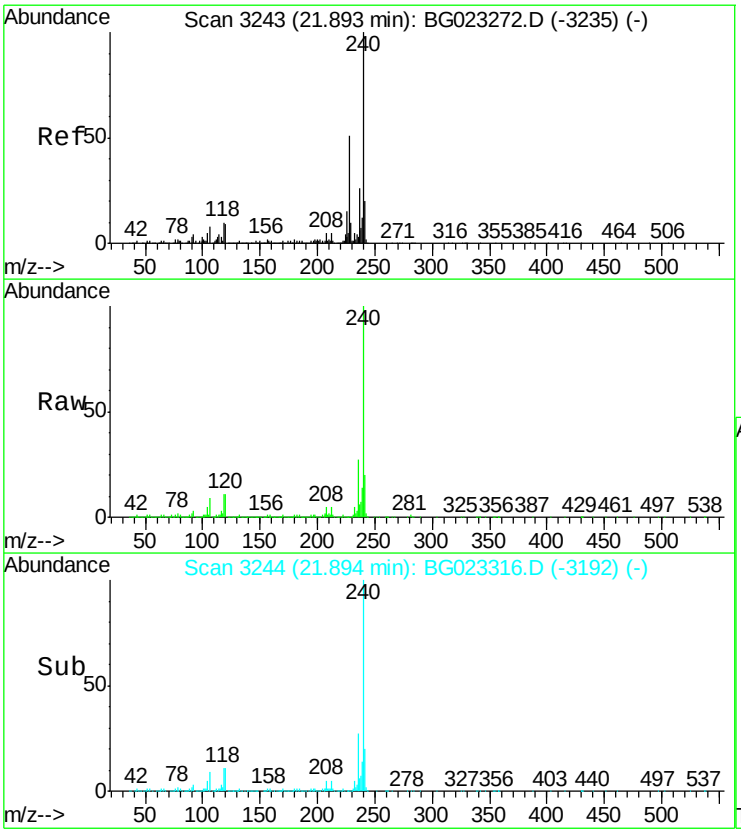
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Instrument :
BNA_G
ClientSampleId :
SB-39-12.0-13.0

Tgt Ion:188 Resp: 1288235

Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.2	7.8#
80	12.1	7.2	10.8#

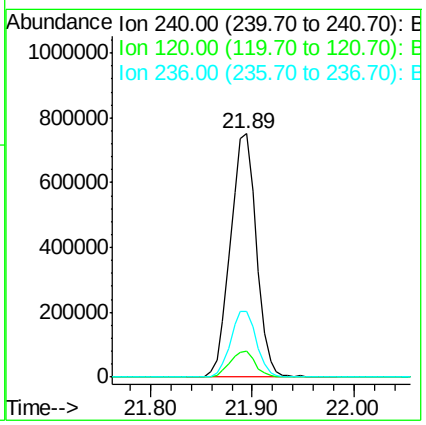


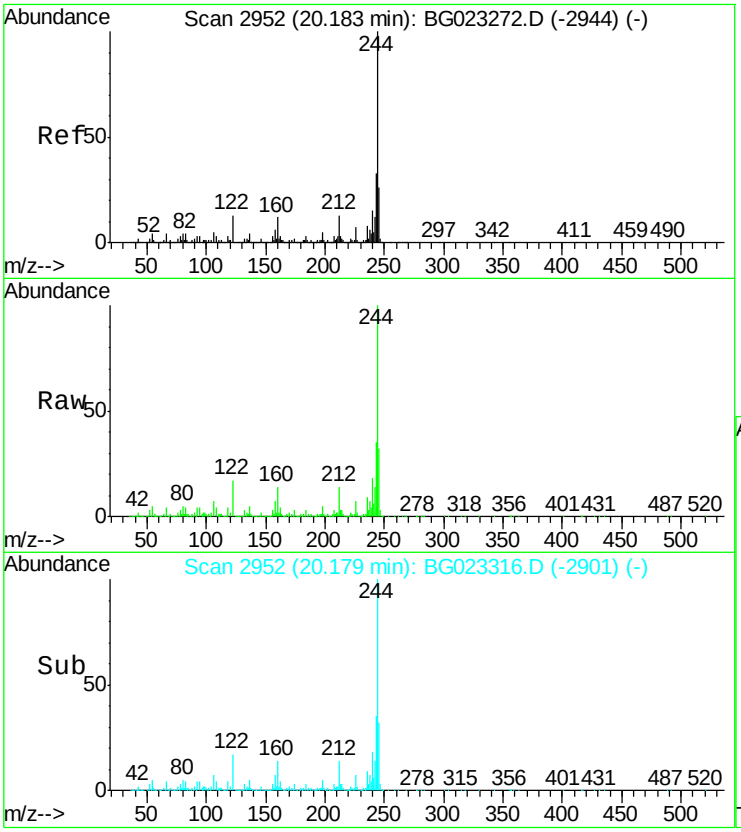


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3244
Delta R.T. 0.01 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Tgt Ion:240 Resp: 1337062

Ion	Ratio	Lower	Upper
240	100		
120	10.8	4.1	6.1#
236	26.9	21.1	31.7



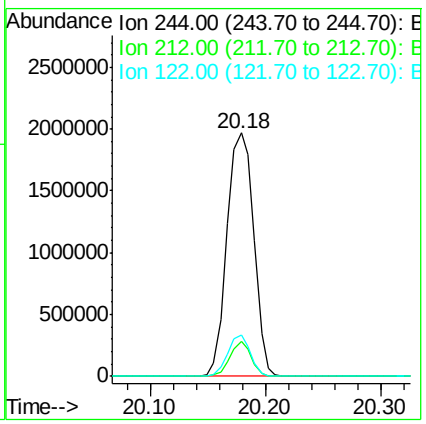


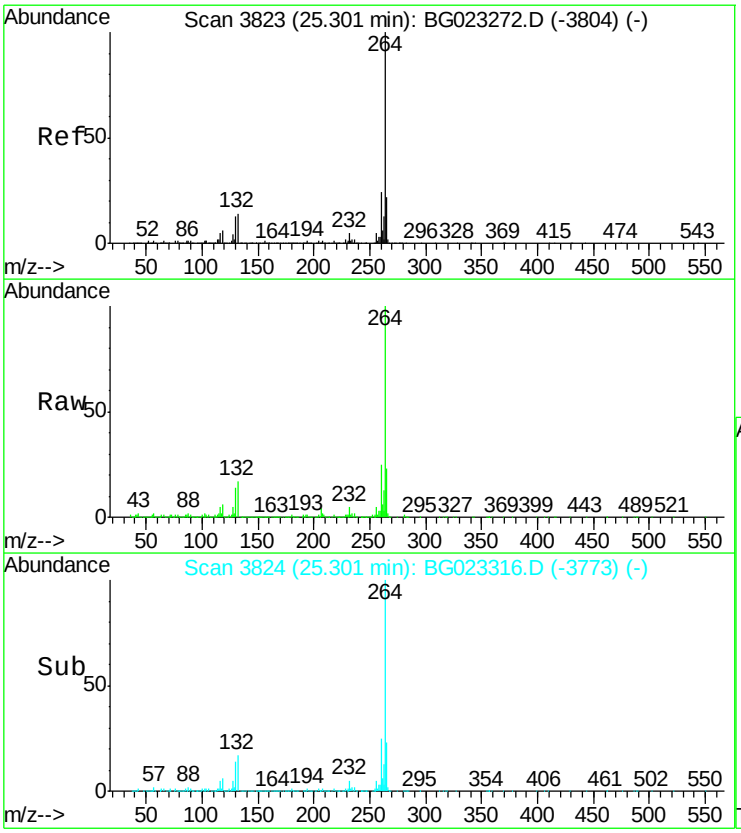
#78
Terphenyl-d14
Concen: 77.02 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Instrument :
BNA_G
ClientSampleId :
SB-39-12.0-13.0

Tgt Ion:244 Resp: 3168019

Ion	Ratio	Lower	Upper
244	100		
212	14.2	10.8	16.2
122	16.8	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3824
Delta R.T. -0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Tgt Ion:264 Resp: 1344735

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.4	27.6
265	22.9	18.9	28.3