Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
Data File : BG023307.D
Acq On : 28 Jul 2016 15:06
Operator : UM/SJ
Sample : H4205-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-37-4.5-5.5

Quant Time: Jul 29 01:07:36 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	8.16	152	184002	20.00	ng	0.02
21) Naphthalene-d8	11.00	136	779358	20.00	ng	0.02
38) Acenaphthene-d10	14.82	164	523759	20.00	ng	0.01
63) Phenanthrene-d10	17.58	188	1281913	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1384153	20.00	ng	0.01
86) Perylene-d12	25.31	264	1394266	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	1017407	94.39	ng	0.02
7) Phenol-d6	7.31	99	1479978	89.44	ng	0.02
23) Nitrobenzene-d5	9.34	82	958909	60.17	ng	0.03
41) 2,4,6-Tribromophenol	16.32	330	587085	108.30	ng	0.01
44) 2-Fluorobiphenyl	13.44	172	1954372	69.84	ng	0.02
78) Terphenyl-d14	20.19	244	2715496	63.77	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.29	122	297	8.14	ng	# 49
49) Dimethylphthalate	14.26	163	584029	15.11	ng	100

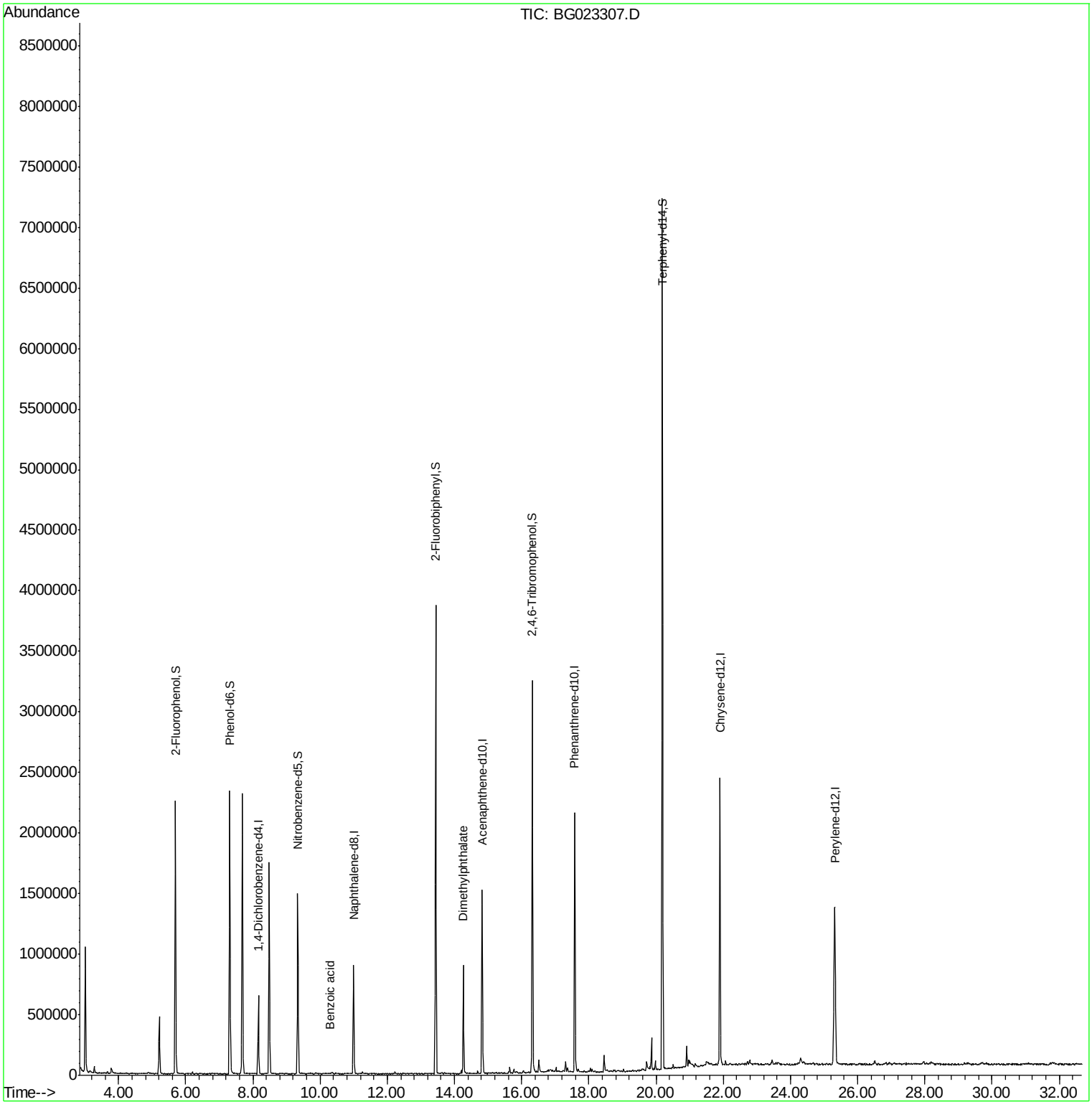
(#) = qualifier out of range (m) = manual integration (+) = signals summed

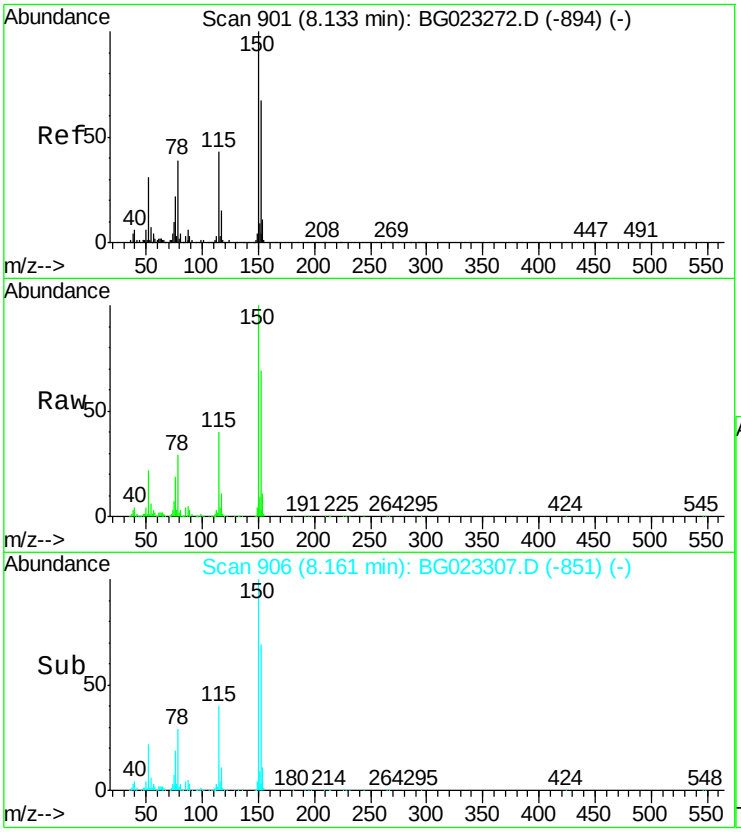
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
Data File : BG023307.D
Acq On : 28 Jul 2016 15:06
Operator : UM/SJ
Sample : H4205-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-37-4.5-5.5

Quant Time: Jul 29 01:07:36 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



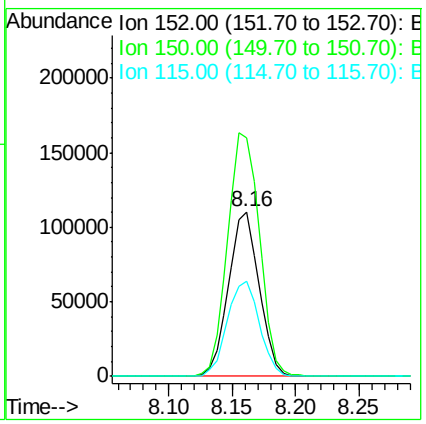


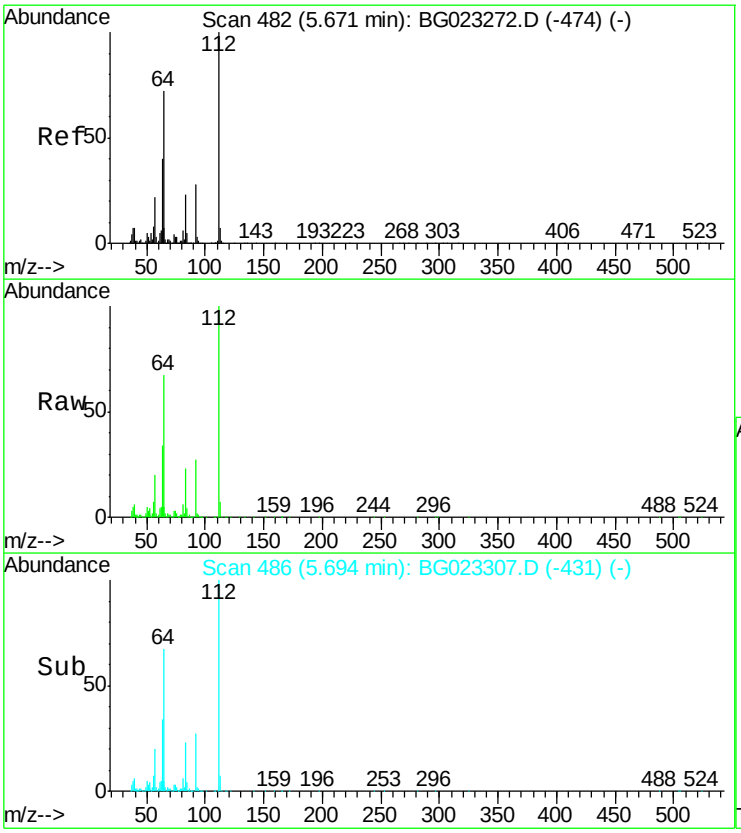
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. 0.02 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Instrument :
BNA_G
ClientSampleId :
SB-37-4.5-5.5

Tgt Ion:152 Resp: 184002

Ion	Ratio	Lower	Upper
152	100		
150	145.1	144.7	217.1
115	57.6	64.0	96.0#

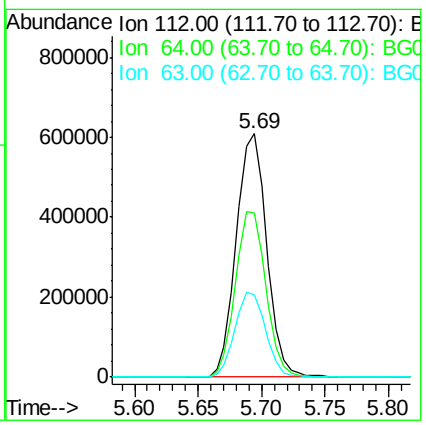


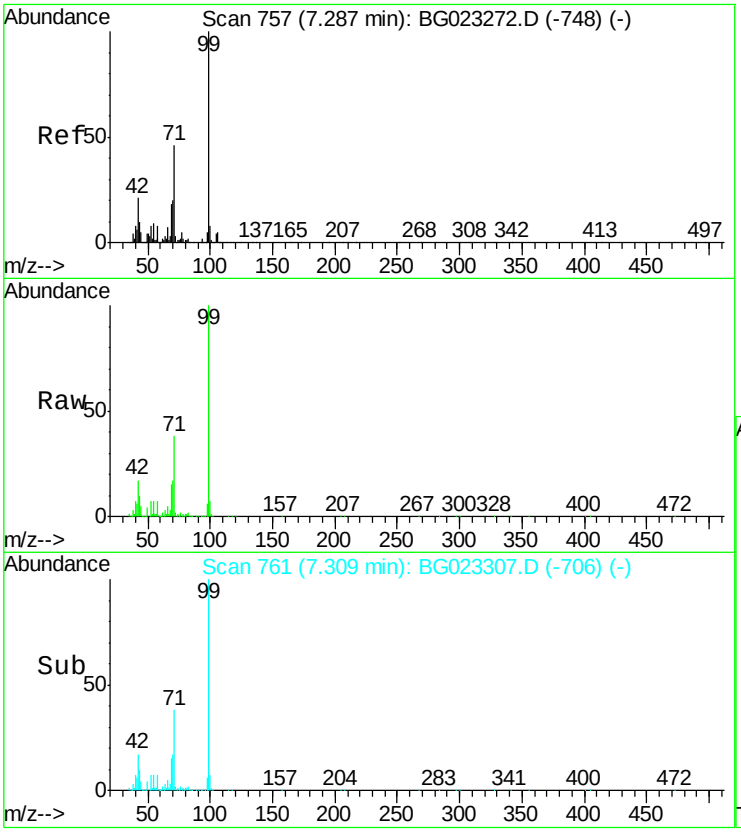


#5
2-Fluorophenol
Concen: 94.39 ng
RT: 5.69 min Scan# 486
Delta R.T. 0.02 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Tgt Ion:112 Resp: 1017407

Ion	Ratio	Lower	Upper
112	100		
64	67.3	59.0	88.4
63	34.0	37.8	56.8#



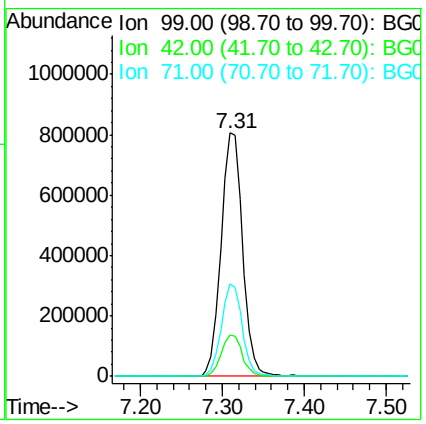


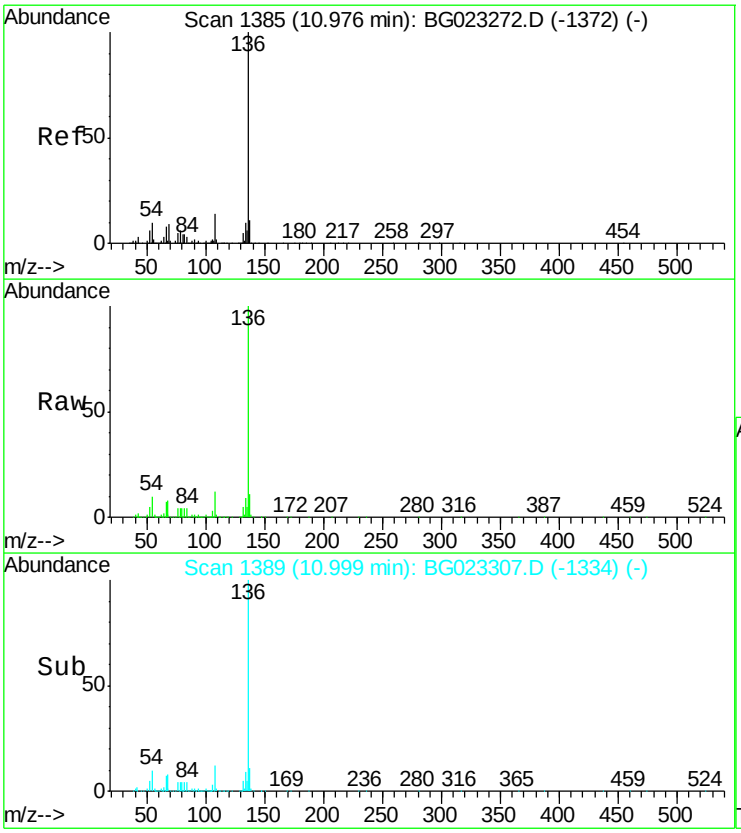
#7
Phenol-d6
Concen: 89.44 ng
RT: 7.31 min Scan# 761
Delta R.T. 0.02 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Instrument :
BNA_G
ClientSampleId :
SB-37-4.5-5.5

Tgt Ion: 99 Resp: 1479978

Ion	Ratio	Lower	Upper
99	100		
42	17.0	17.8	26.6#
71	38.0	41.5	62.3#

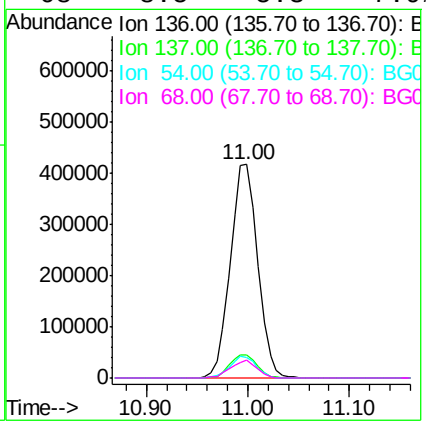


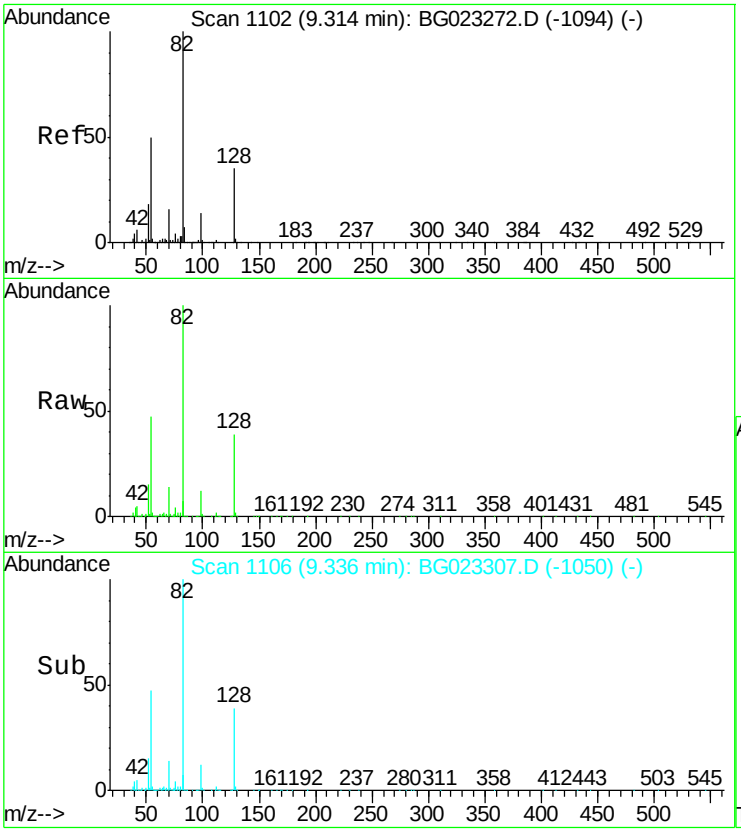


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1389
Delta R.T. 0.02 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Tgt Ion:136 Resp: 779358

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	9.6	7.3	10.9
68	8.5	5.3	7.9#



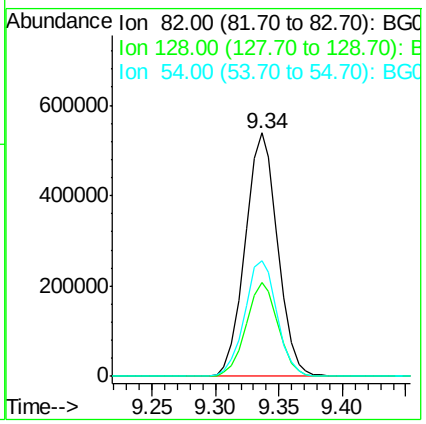


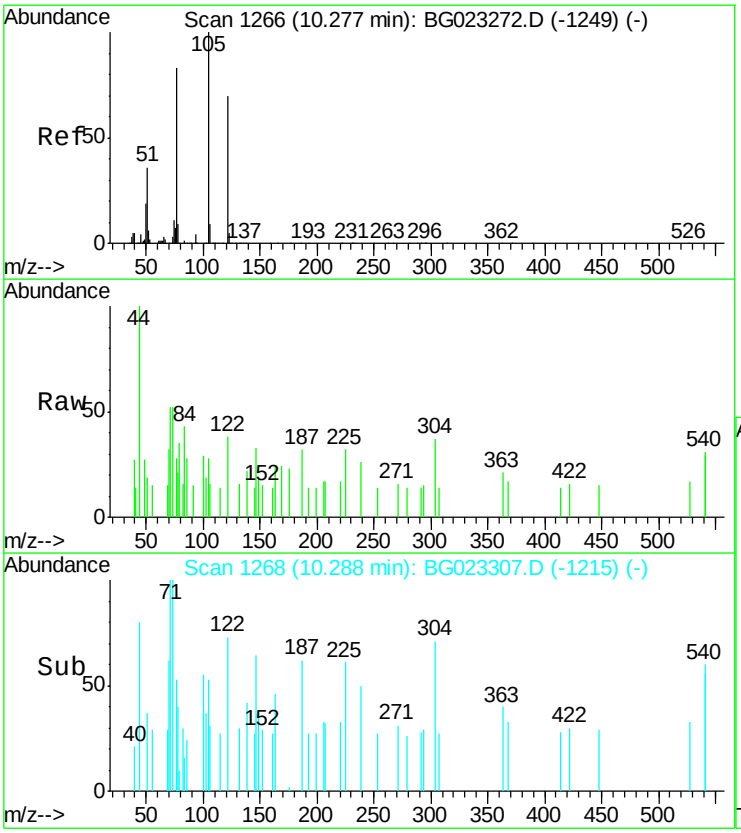
#23
Nitrobenzene-d5
Concen: 60.17 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.03 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Instrument :
BNA_G
ClientSampleId :
SB-37-4.5-5.5

Tgt Ion: 82 Resp: 958909

Ion	Ratio	Lower	Upper
82	100		
128	38.7	24.4	36.6#
54	47.4	41.4	62.0

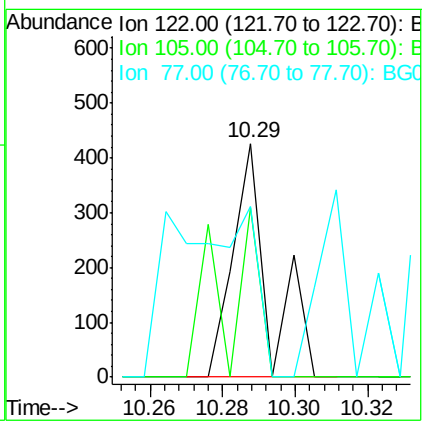


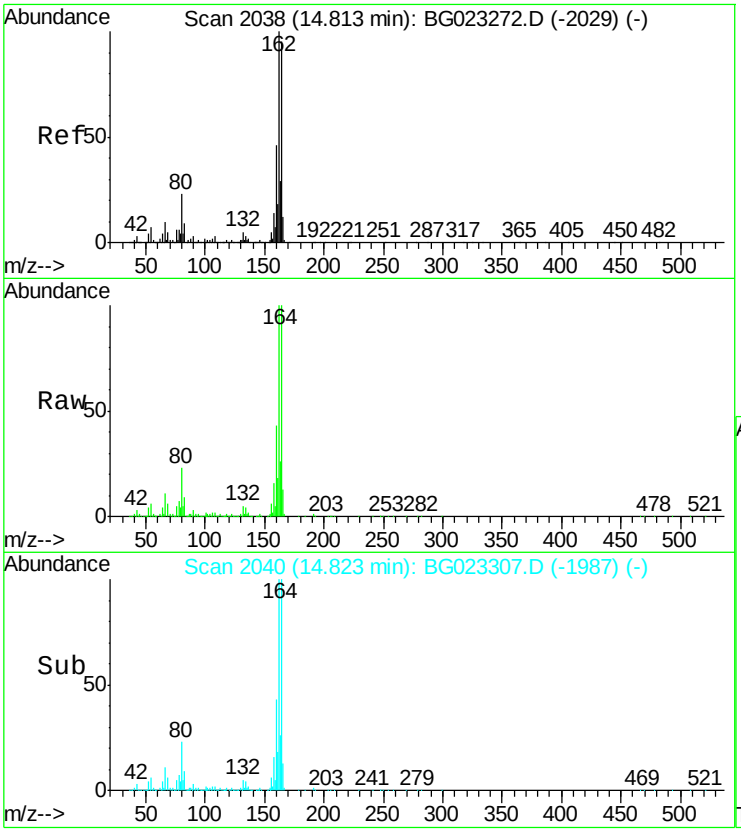


#32
Benzoic acid
Concen: 8.14 ng
RT: 10.29 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Tgt Ion:122 Resp: 297

Ion	Ratio	Lower	Upper
122	100		
105	72.4	117.2	157.2#
77	72.8	109.2	149.2#



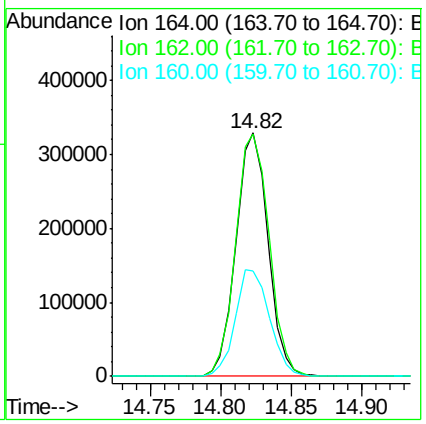


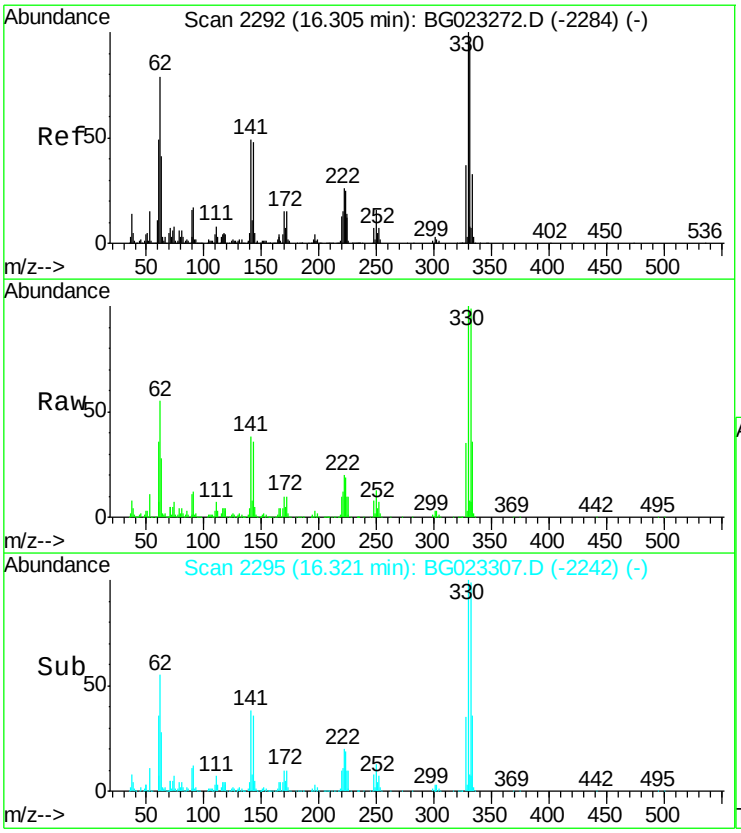
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Instrument :
BNA_G
ClientSampleId :
SB-37-4.5-5.5

Tgt Ion:164 Resp: 523759

Ion	Ratio	Lower	Upper
164	100		
162	99.8	87.7	131.5
160	43.5	37.2	55.8

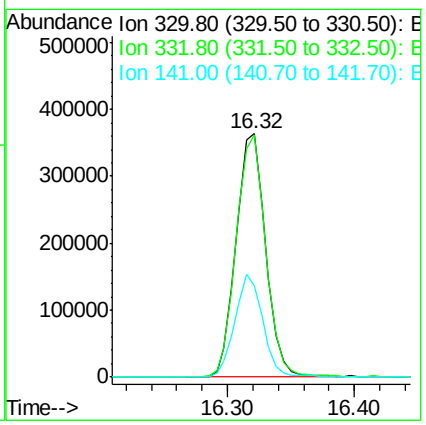


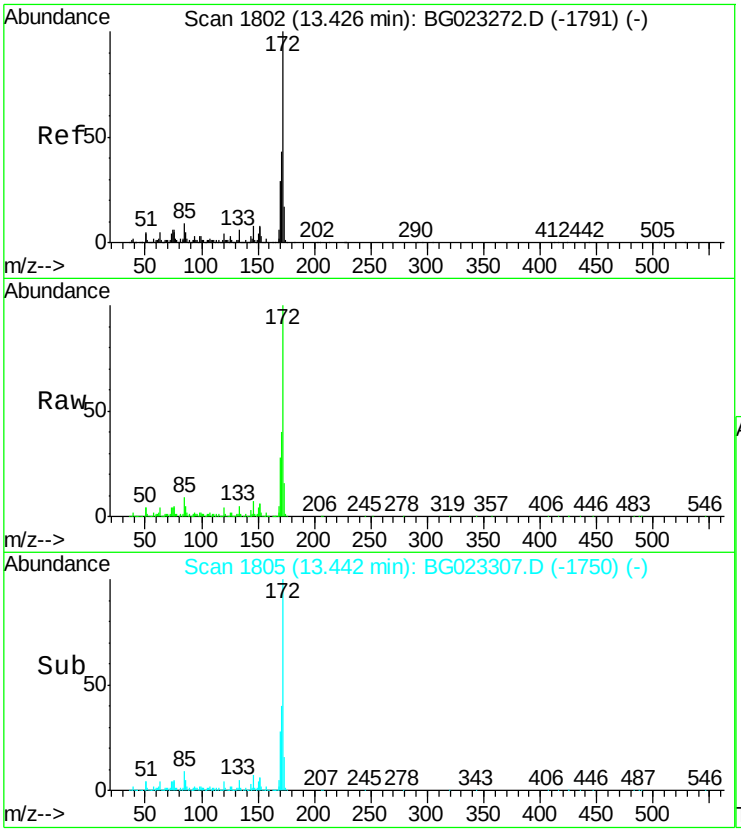


#41
2,4,6-Tribromophenol
Concen: 108.30 ng
RT: 16.32 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Tgt Ion:330 Resp: 587085

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.4	116.2
141	39.9	31.7	47.5



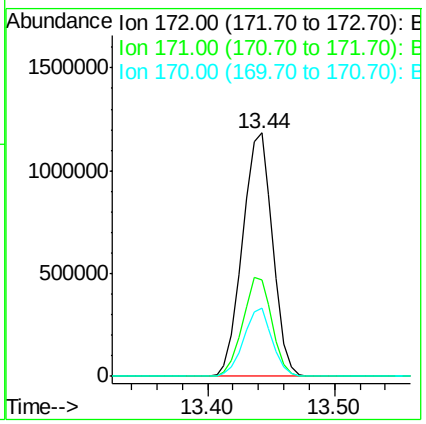


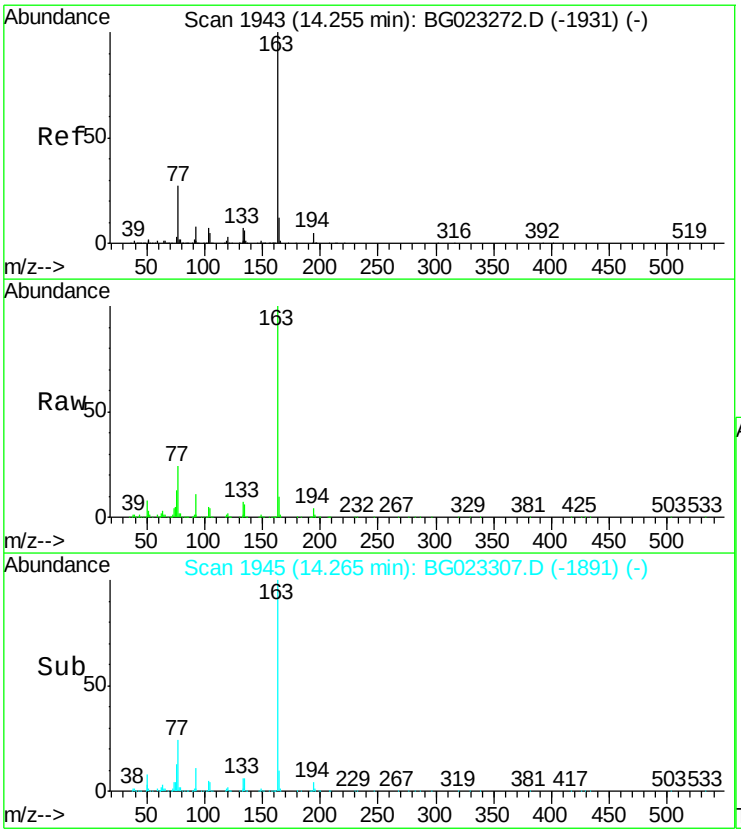
#44
2-Fluorobiphenyl
Concen: 69.84 ng
RT: 13.44 min Scan# 1805
Delta R.T. 0.02 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Instrument :
BNA_G
ClientSampleId :
SB-37-4.5-5.5

Tgt Ion:172 Resp: 1954372

Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.6	47.4
170	28.1	21.3	31.9

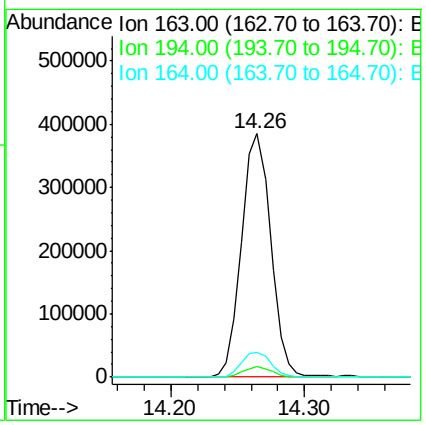


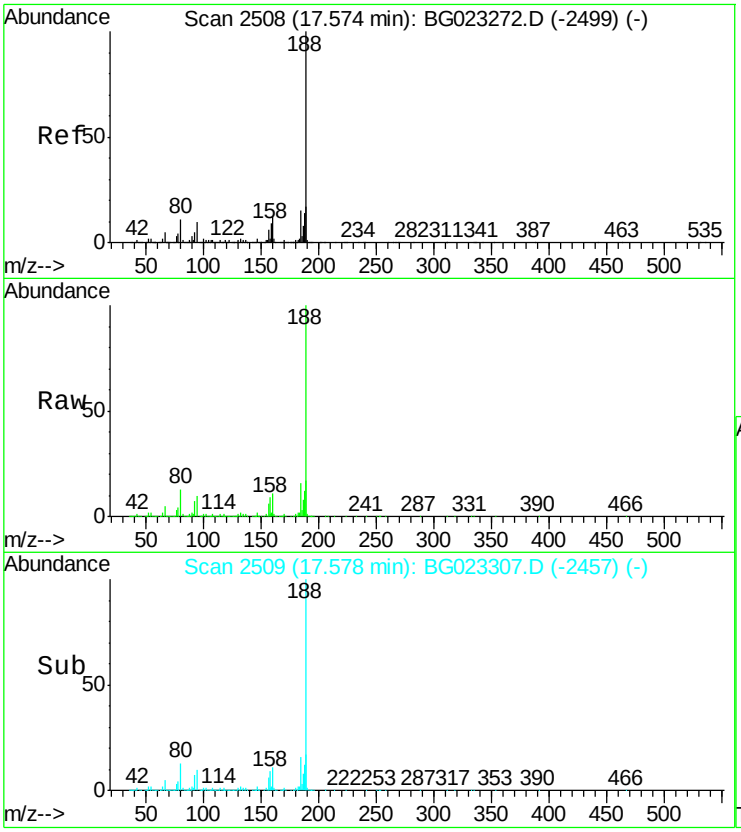


#49
Dimethylphthalate
Concen: 15.11 ng
RT: 14.26 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Tgt Ion:163 Resp: 584029

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.0	8.1	12.1



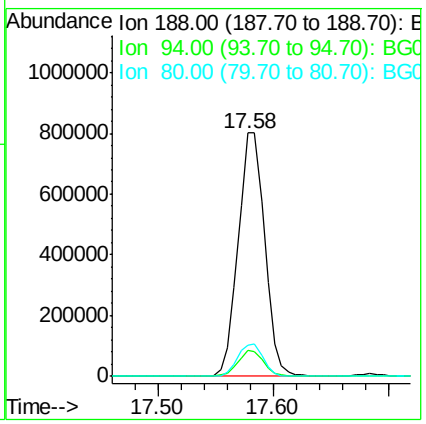


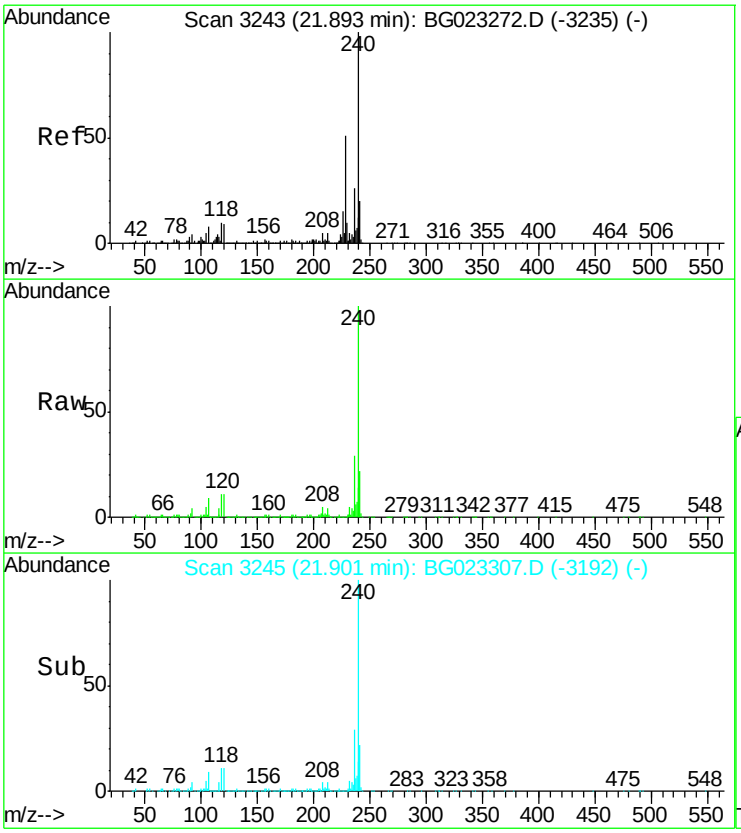
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Instrument :
BNA_G
ClientSampleId :
SB-37-4.5-5.5

Tgt Ion:188 Resp: 1281913

Ion	Ratio	Lower	Upper
188	100		
94	10.5	5.2	7.8#
80	12.9	7.2	10.8#

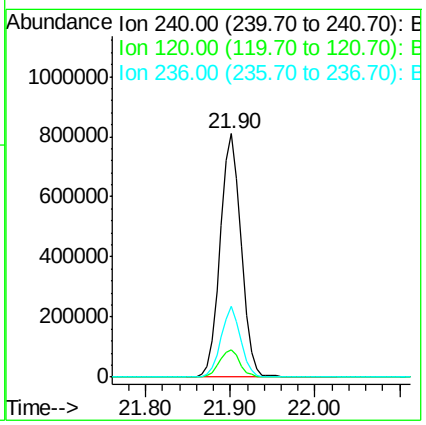


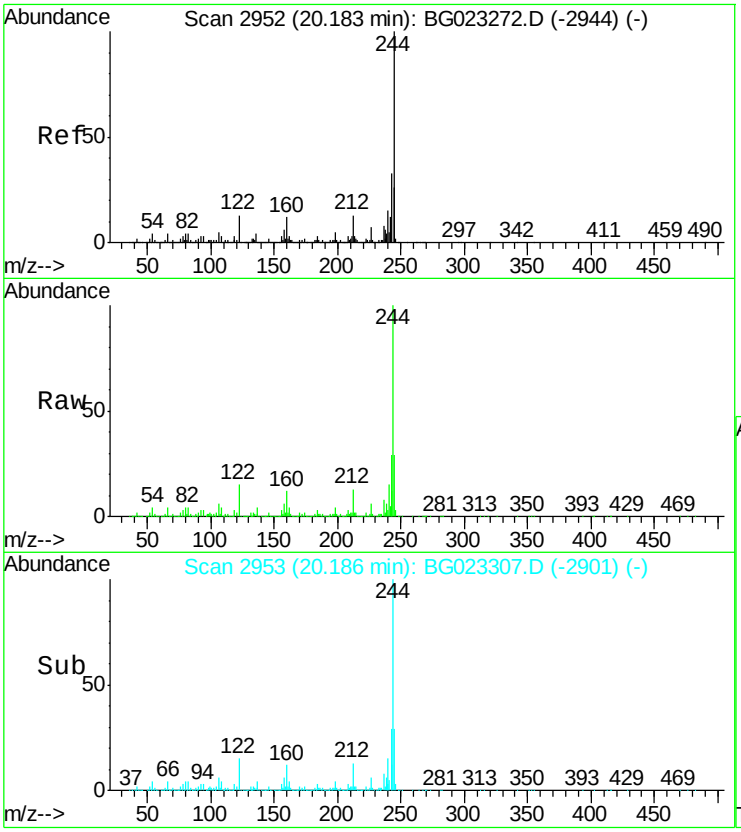


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3245
Delta R.T. 0.01 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Tgt Ion:240 Resp: 1384153

Ion	Ratio	Lower	Upper
240	100		
120	11.0	4.1	6.1#
236	29.0	21.1	31.7



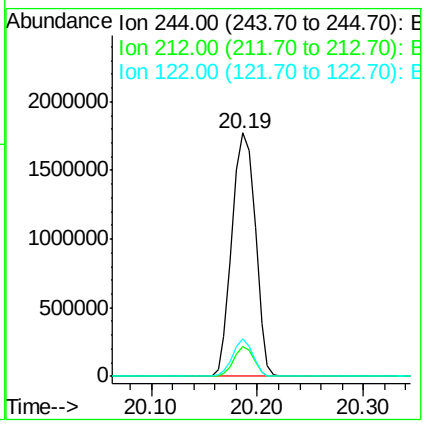


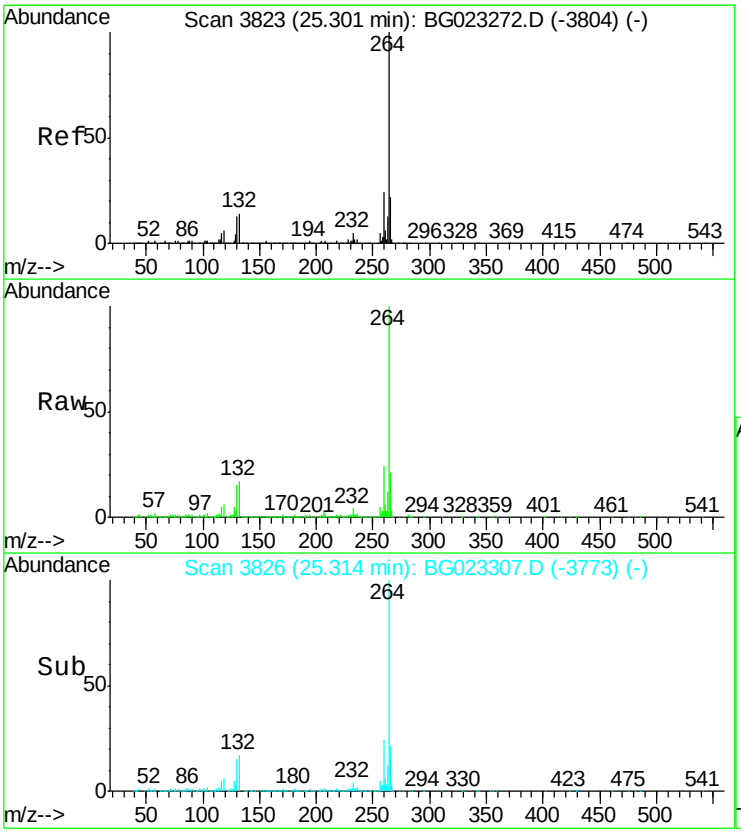
#78
Terphenyl-d14
Concen: 63.77 ng
RT: 20.19 min Scan# 2953
Delta R.T. 0.01 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Instrument :
BNA_G
ClientSampleId :
SB-37-4.5-5.5

Tgt Ion:244 Resp: 2715496

Ion	Ratio	Lower	Upper
244	100		
212	12.5	10.8	16.2
122	15.3	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.31 min Scan# 3826
Delta R.T. 0.01 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Tgt Ion:264 Resp: 1394266

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.4	18.9	28.3