Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
Data File : BG023311.D
Acq On : 28 Jul 2016 17:46
Operator : UM/SJ
Sample : H4205-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-39-7.0-13.0

Quant Time: Jul 29 01:08:28 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	8.13	152	163859	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	750930	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	509872	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1206675	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1225323	20.00	ng	0.00
86) Perylene-d12	25.30	264	1233731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	808236	84.21	ng	0.00
7) Phenol-d6	7.28	99	998200	67.74	ng	0.00
23) Nitrobenzene-d5	9.31	82	1271194	82.78	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	858840	162.74	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2612893	95.91	ng	0.00
78) Terphenyl-d14	20.18	244	3220240	85.43	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.47	79	20458	2.06	ng	# 54
32) Benzoic acid	10.29	122	93	8.12	ng	# 1

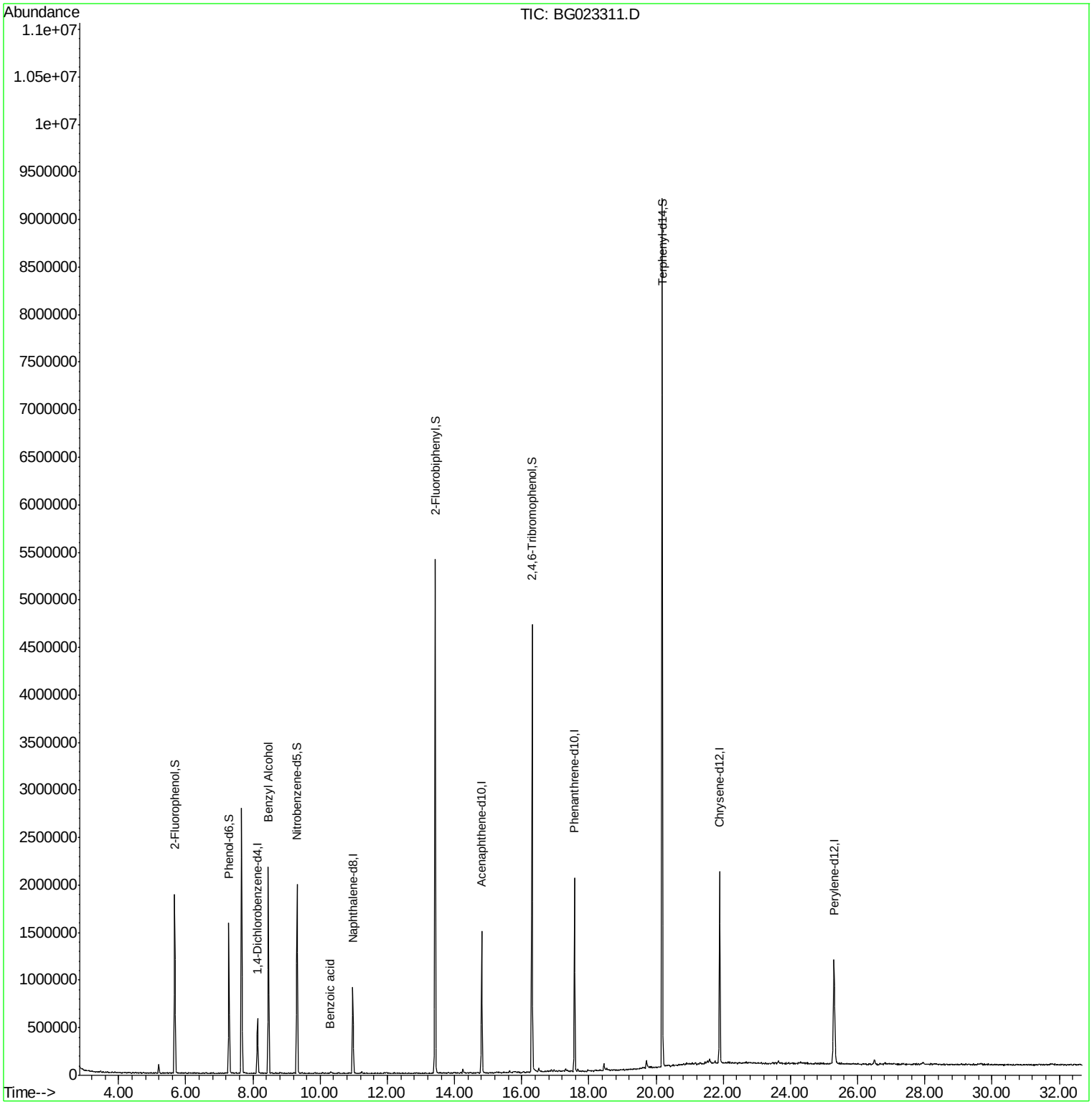
(#) = qualifier out of range (m) = manual integration (+) = signals summed

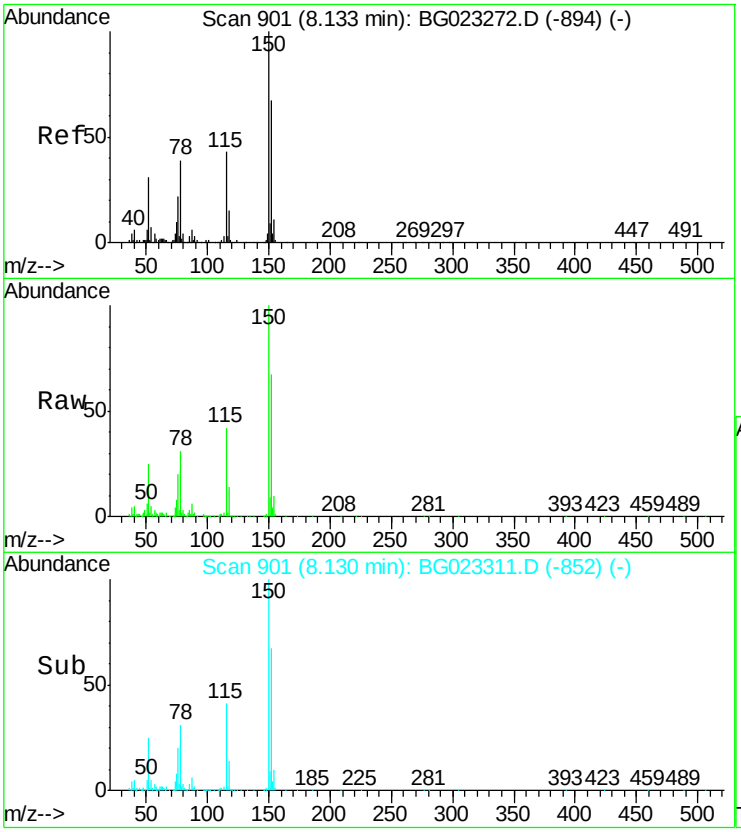
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
Data File : BG023311.D
Acq On : 28 Jul 2016 17:46
Operator : UM/SJ
Sample : H4205-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-39-7.0-13.0

Quant Time: Jul 29 01:08:28 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



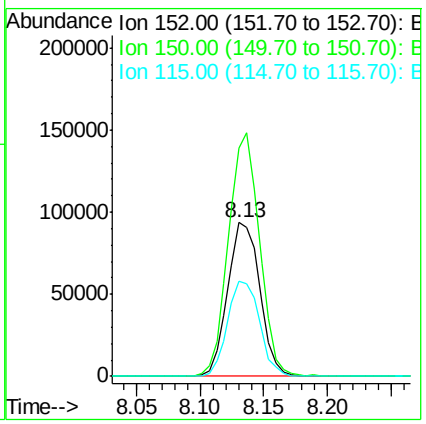


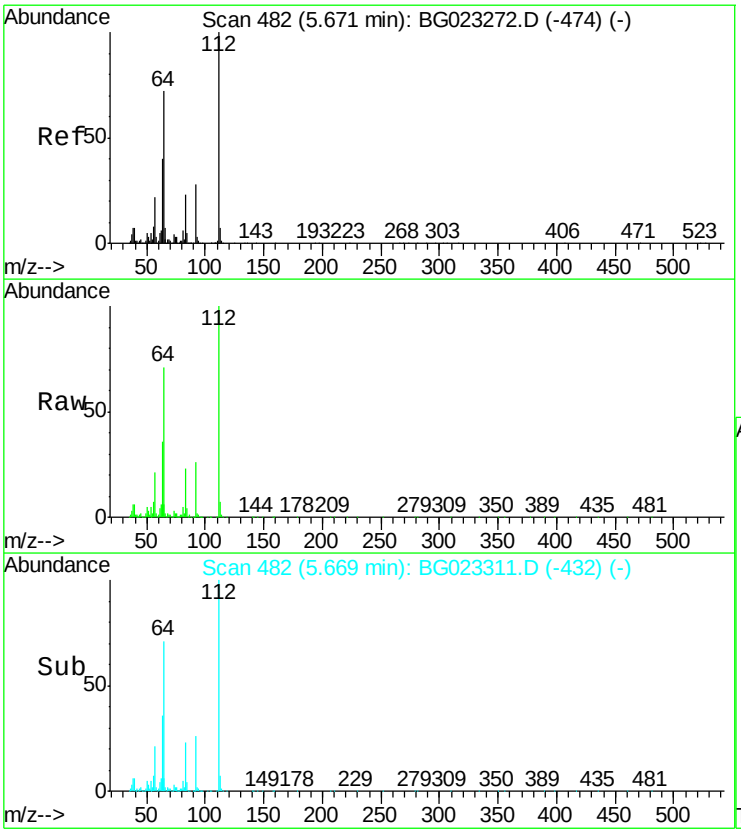
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Instrument :
BNA_G
ClientSampleId :
GW-39-7.0-13.0

Tgt Ion:152 Resp: 163859

Ion	Ratio	Lower	Upper
152	100		
150	148.9	144.7	217.1
115	61.9	64.0	96.0#

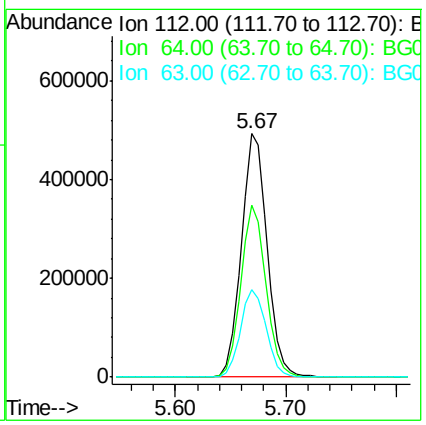


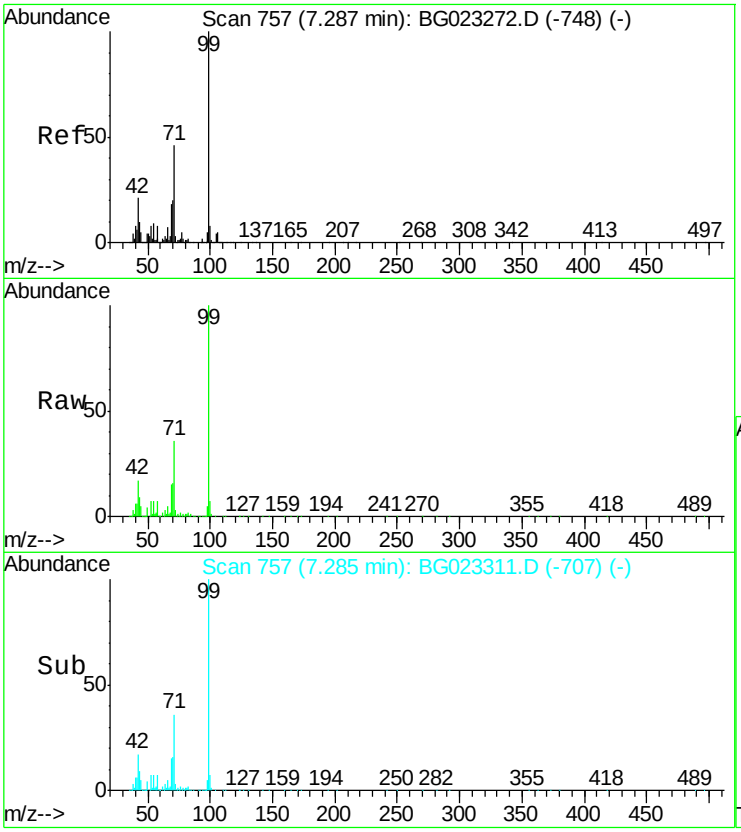


#5
2-Fluorophenol
Concen: 84.21 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Tgt Ion:112 Resp: 808236

Ion	Ratio	Lower	Upper
112	100		
64	70.7	59.0	88.4
63	35.8	37.8	56.8#



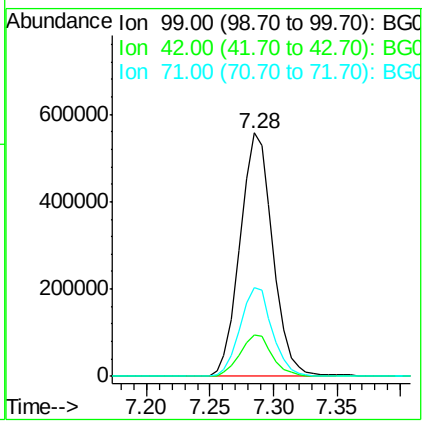


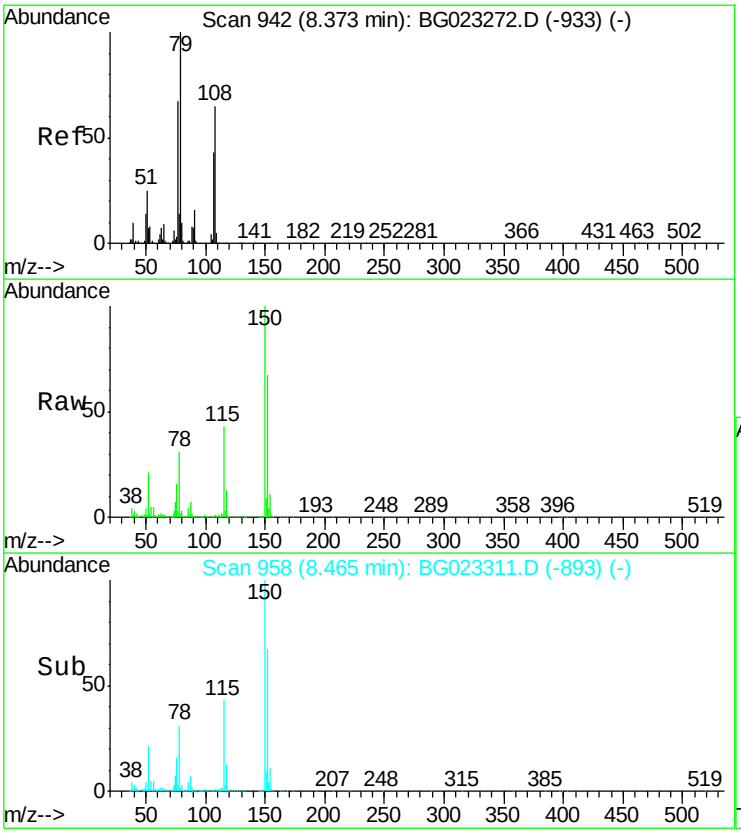
#7
Phenol-d6
Concen: 67.74 ng
RT: 7.28 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Instrument :
BNA_G
ClientSampleId :
GW-39-7.0-13.0

Tgt Ion: 99 Resp: 998200

Ion	Ratio	Lower	Upper
99	100		
42	17.0	17.8	26.6#
71	36.3	41.5	62.3#

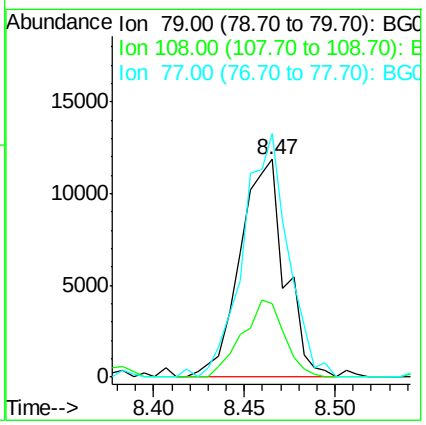


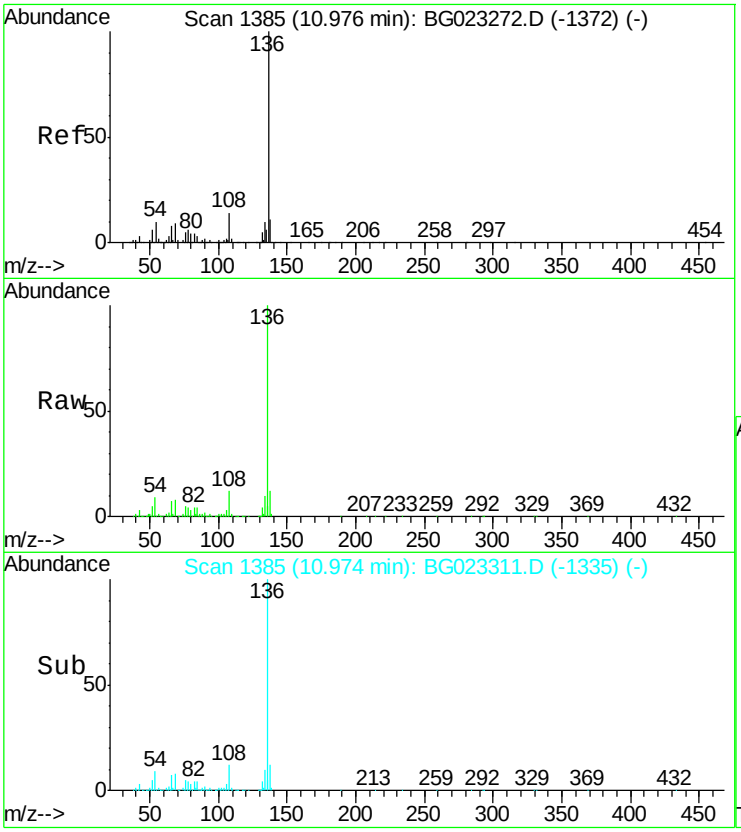


#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 8.47 min Scan# 958
Delta R.T. 0.08 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Tgt Ion: 79 Resp: 20458

Ion	Ratio	Lower	Upper
79	100		
108	33.9	46.5	69.7#
77	111.7	52.3	78.5#



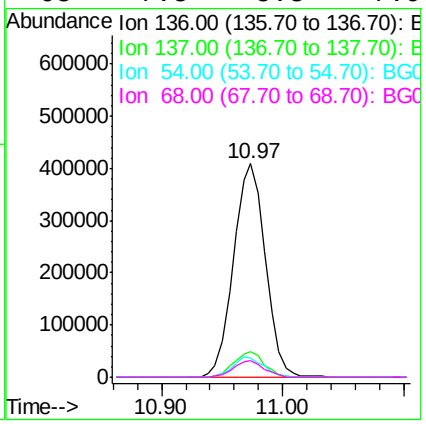


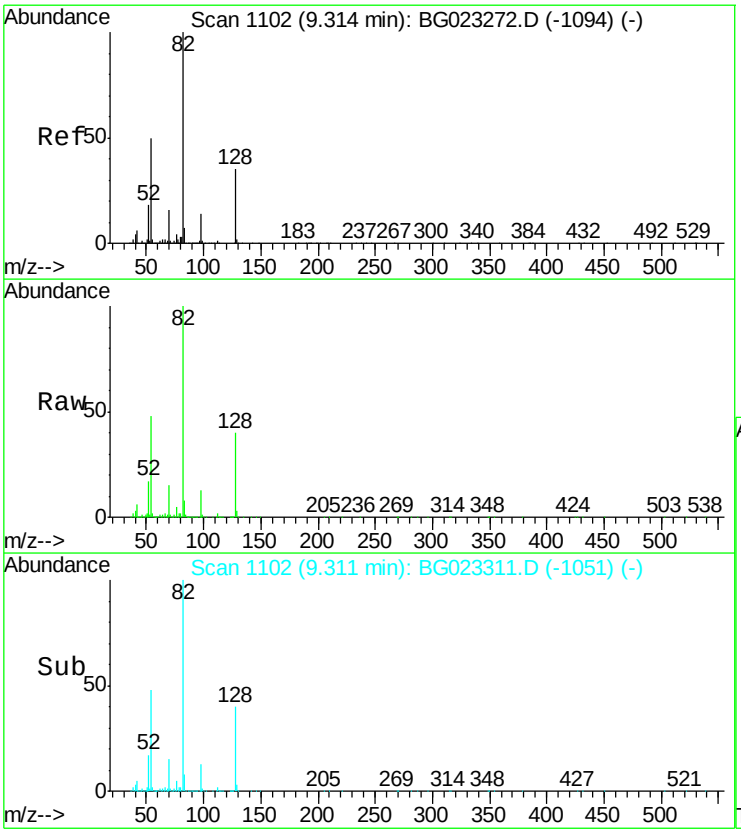
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Instrument :
BNA_G
ClientSampleId :
GW-39-7.0-13.0

Tgt Ion:136 Resp: 750930

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.0	7.3	10.9
68	7.8	5.3	7.9

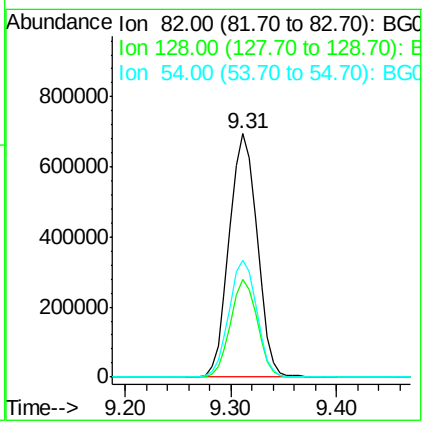


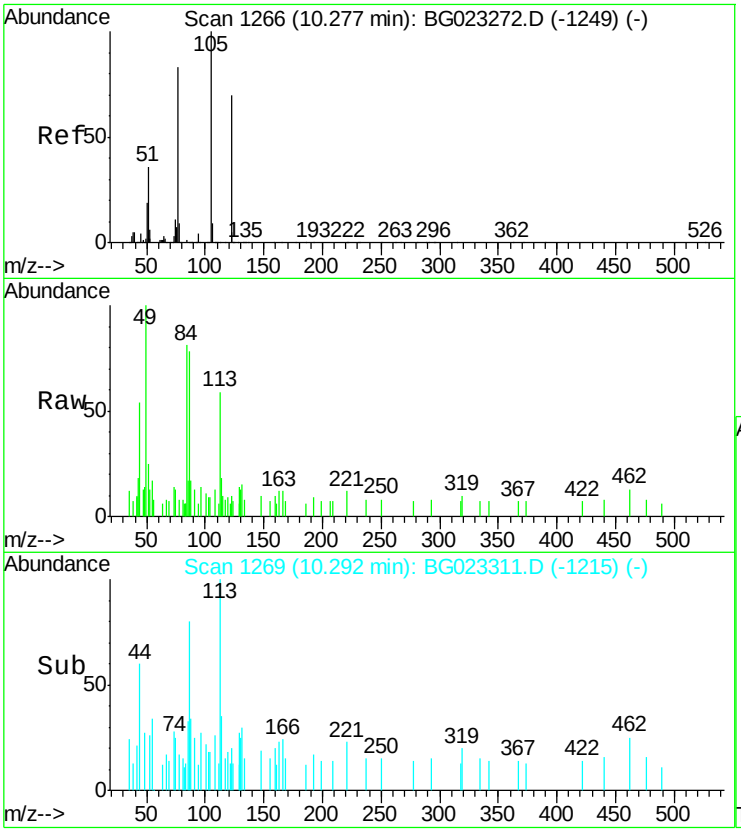


#23
Nitrobenzene-d5
Concen: 82.78 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Tgt Ion: 82 Resp: 1271194

Ion	Ratio	Lower	Upper
82	100		
128	40.0	24.4	36.6#
54	48.0	41.4	62.0



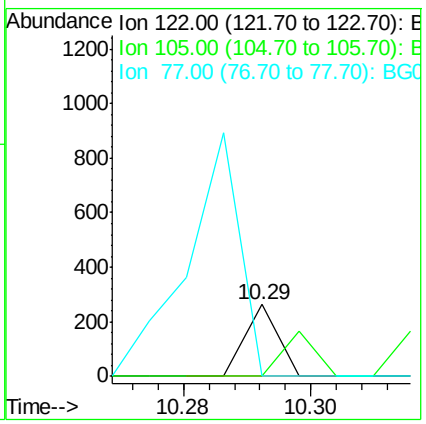


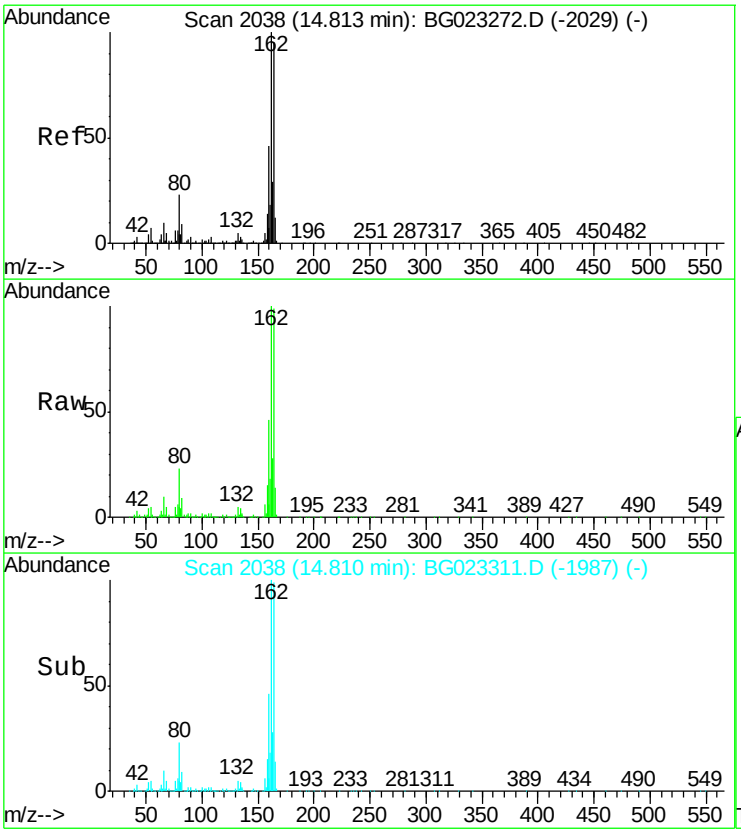
#32
Benzoic acid
Concen: 8.12 ng
RT: 10.29 min Scan# 1269
Delta R.T. 0.02 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Instrument :
BNA_G
ClientSampleId :
GW-39-7.0-13.0

Tgt Ion:122 Resp: 93

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

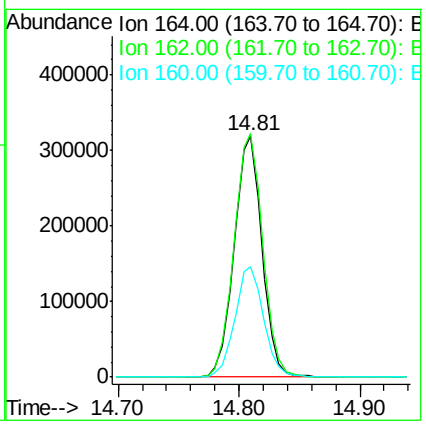


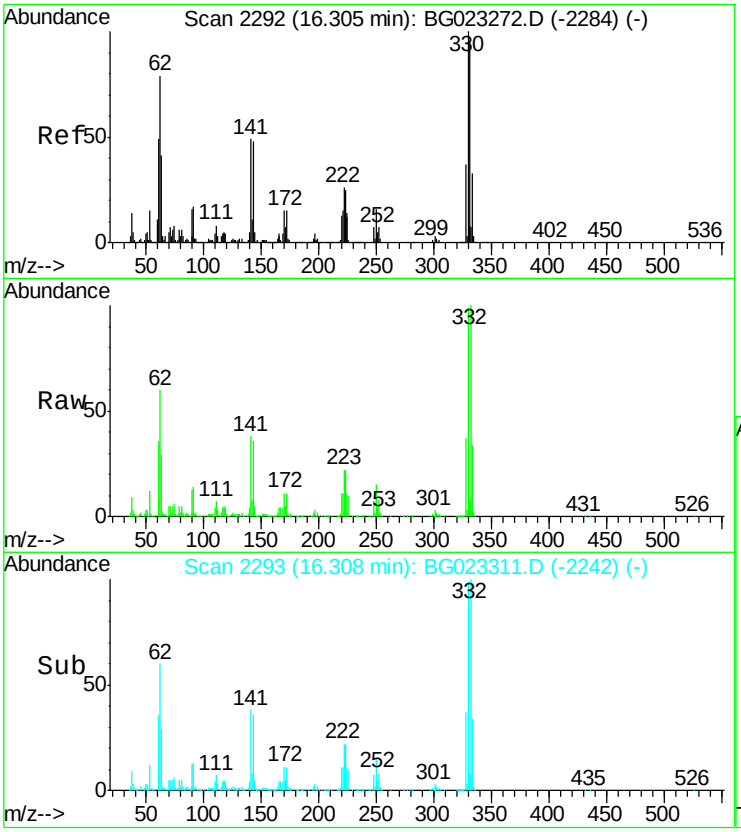


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Tgt Ion:164 Resp: 509872

Ion	Ratio	Lower	Upper
164	100		
162	100.8	87.7	131.5
160	46.0	37.2	55.8



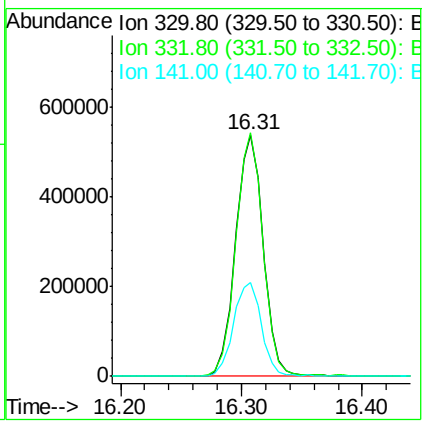


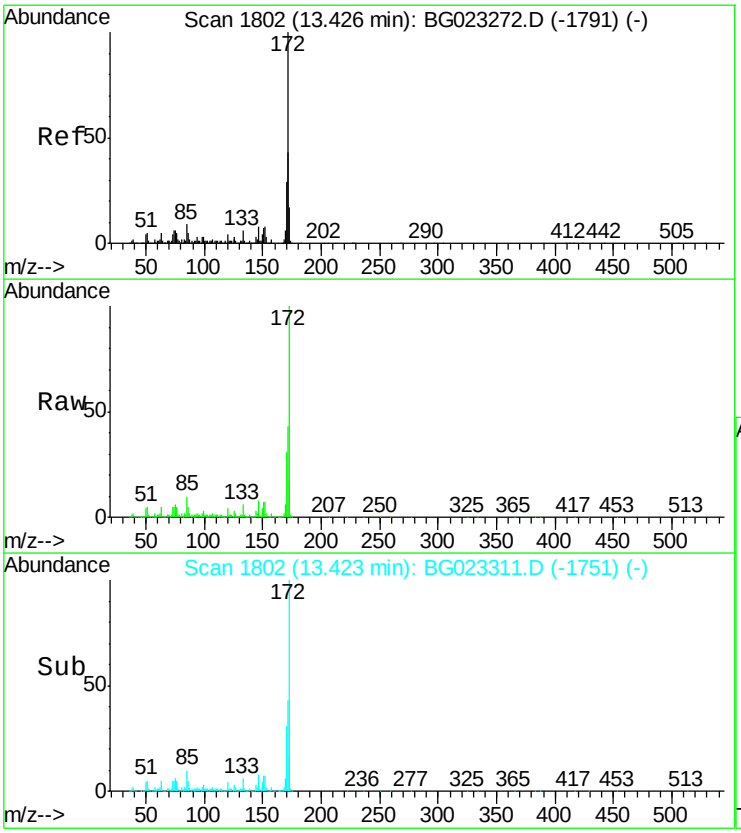
#41
2,4,6-Tribromophenol
Concen: 162.74 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Instrument :
BNA_G
ClientSampleId :
GW-39-7.0-13.0

Tgt Ion:330 Resp: 858840

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.2
141	39.6	31.7	47.5

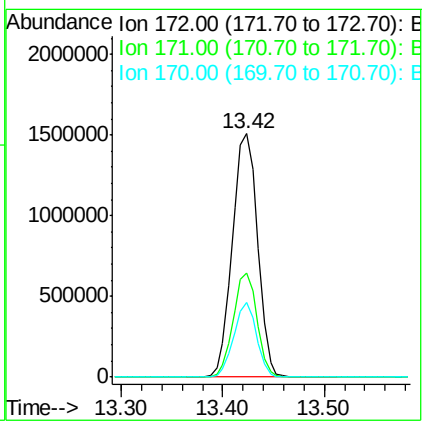


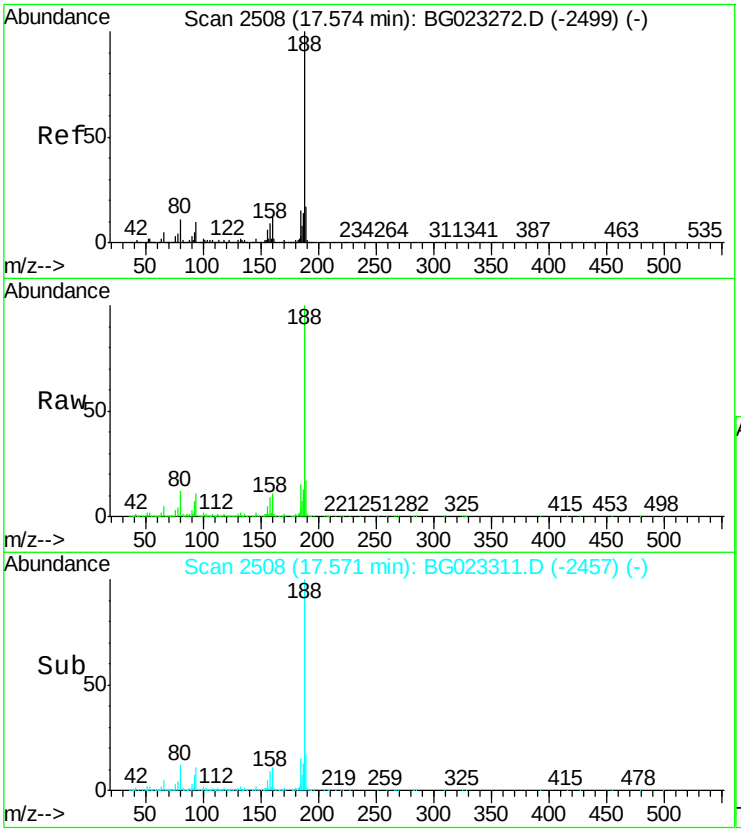


#44
2-Fluorobiphenyl
Concen: 95.91 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Tgt Ion:172 Resp: 2612893

Ion	Ratio	Lower	Upper
172	100		
171	43.0	31.6	47.4
170	30.9	21.3	31.9



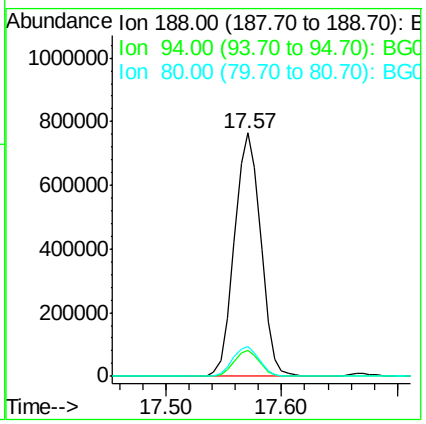


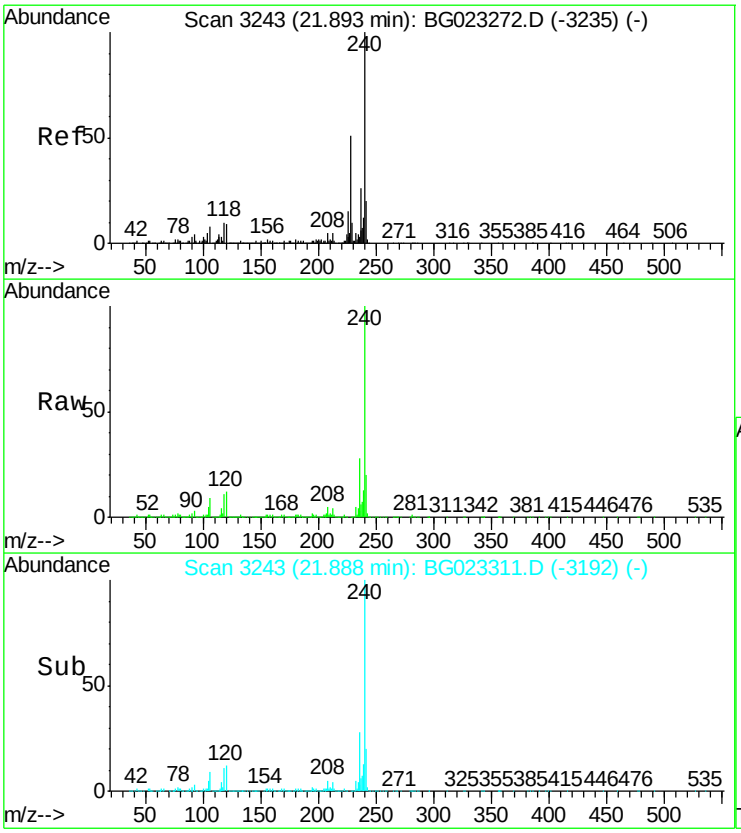
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Instrument :
BNA_G
ClientSampleId :
GW-39-7.0-13.0

Tgt Ion:188 Resp: 1206675

Ion	Ratio	Lower	Upper
188	100		
94	10.6	5.2	7.8#
80	12.2	7.2	10.8#

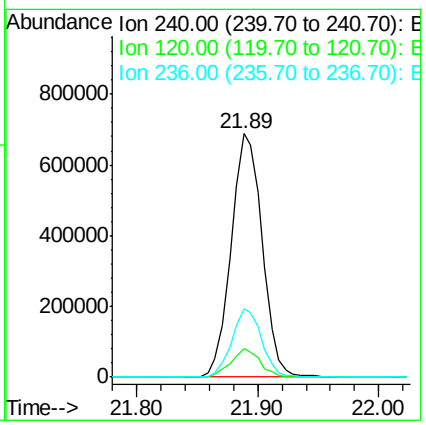


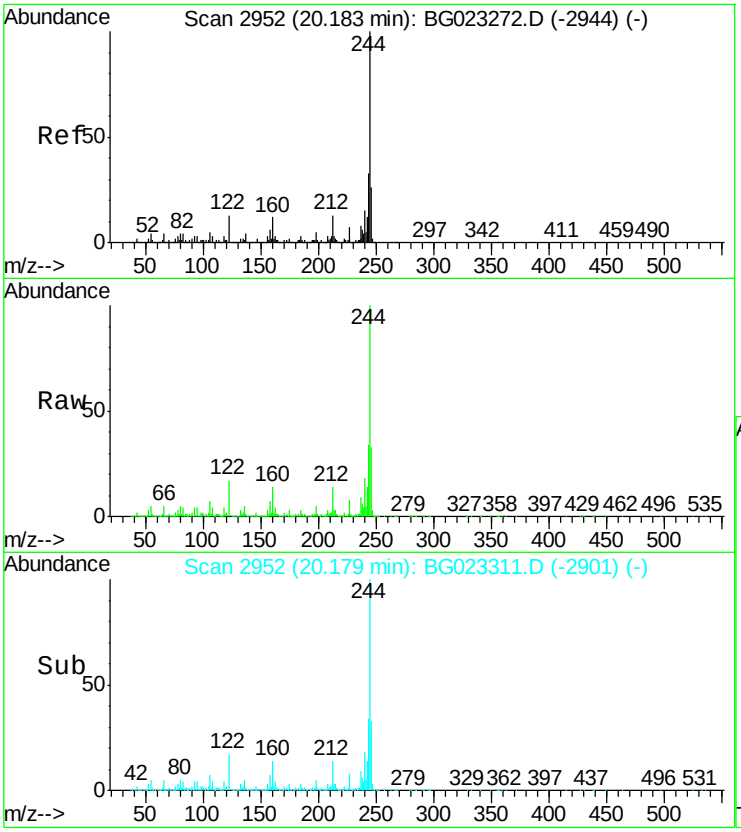


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Tgt Ion:240 Resp: 1225323

Ion	Ratio	Lower	Upper
240	100		
120	11.6	4.1	6.1#
236	28.0	21.1	31.7



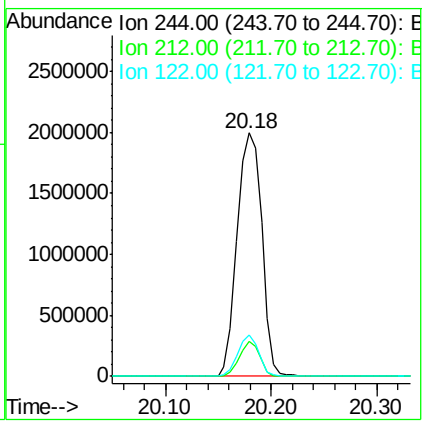


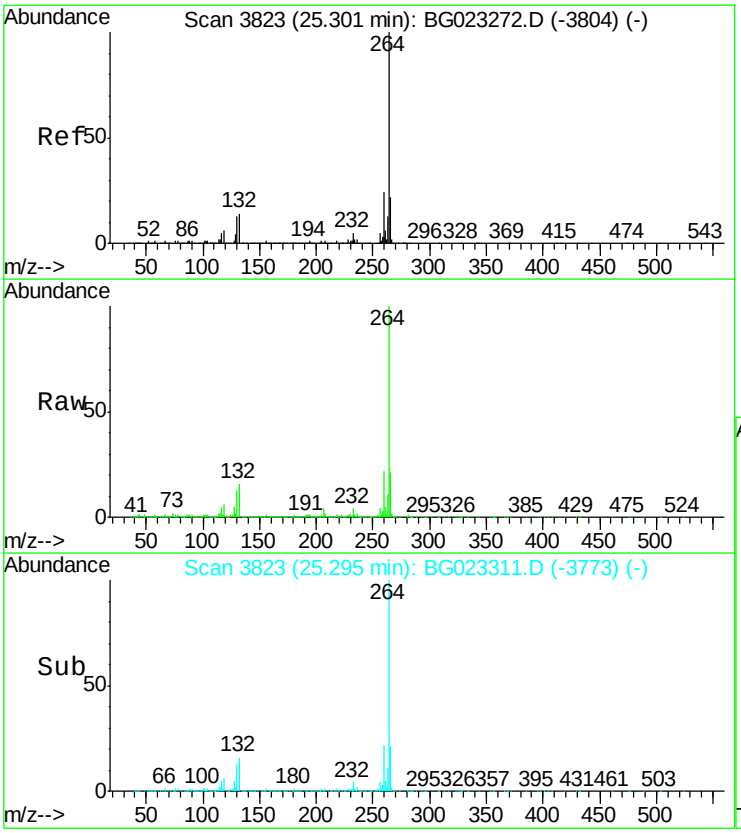
#78
Terphenyl-d14
Concen: 85.43 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Instrument :
BNA_G
ClientSampleId :
GW-39-7.0-13.0

Tgt Ion:244 Resp: 3220240

Ion	Ratio	Lower	Upper
244	100		
212	14.3	10.8	16.2
122	16.7	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023311.D
Acq: 28 Jul 2016 17:46

Tgt Ion:264 Resp: 1233731

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.4	27.6
265	21.0	18.9	28.3