Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
Data File : BG023345.D
Acq On : 29 Jul 2016 22:32
Operator : UM/SJ
Sample : H4176-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-29-5.9-15.0

Quant Time: Jul 30 01:16:20 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	137534	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	649209	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	454637	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1036972	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1095091	20.00	ng	0.00
86) Perylene-d12	25.29	264	1113668	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	34671	4.30	ng	0.00
7) Phenol-d6	7.29	99	325140	26.29	ng	0.00
23) Nitrobenzene-d5	9.31	82	977926	73.66	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	9478	2.01	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2236395	92.07	ng	0.00
78) Terphenyl-d14	20.18	244	3014603	89.49	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.27	122	106	8.12	ng	# 1
49) Dimethylphthalate	14.25	163	118974	3.55	ng	99

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

Quantitation Report (Not Reviewed)

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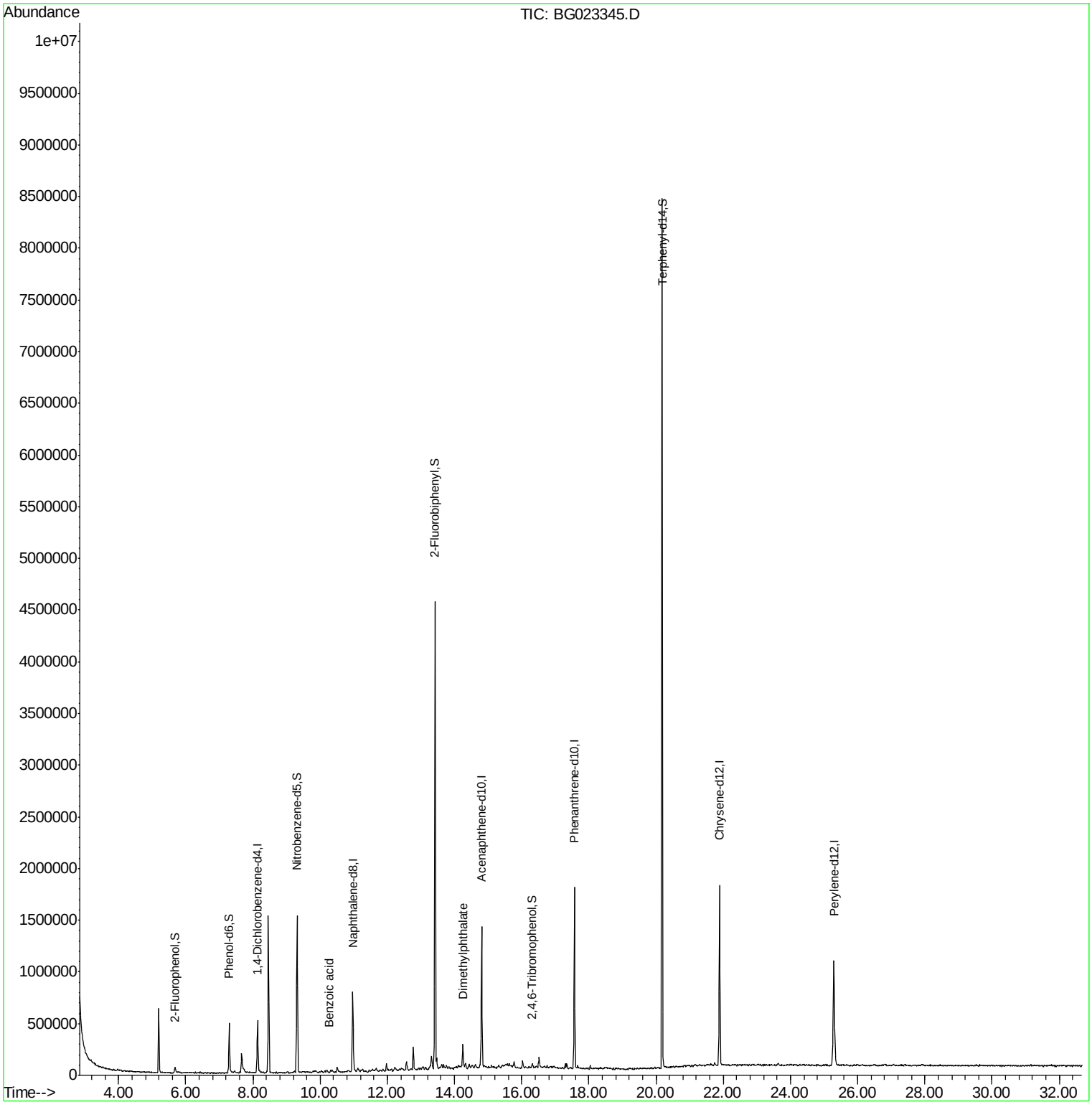
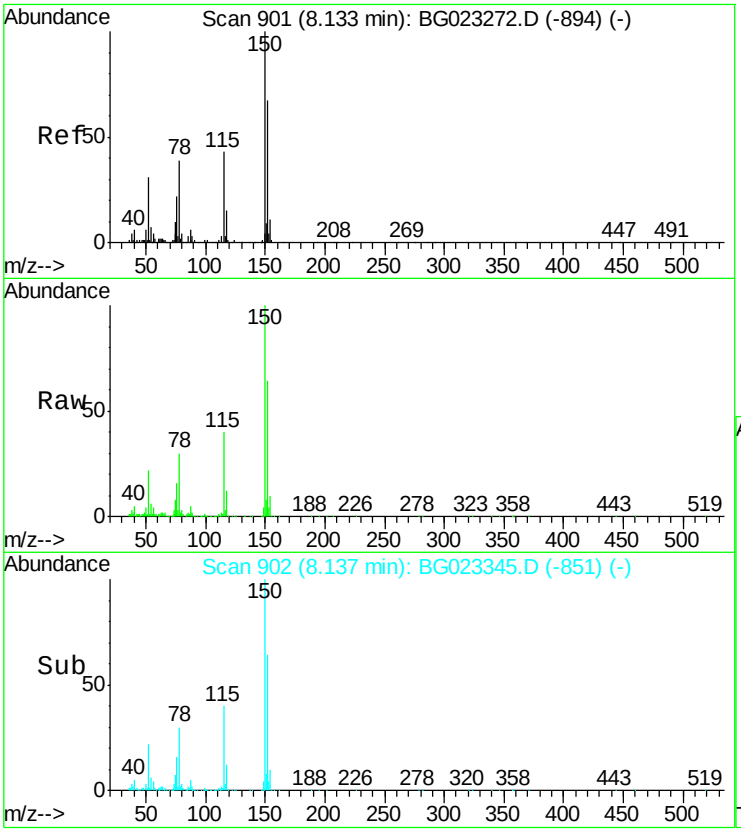


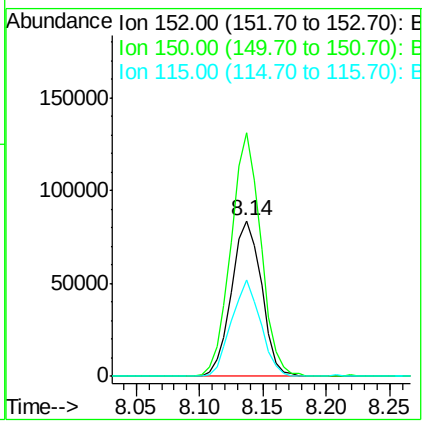


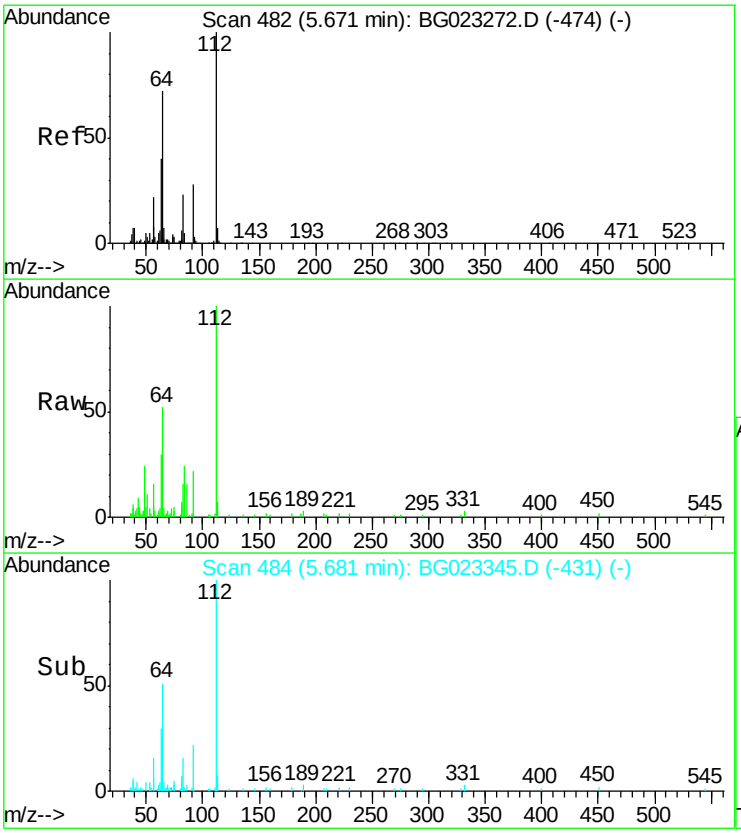
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :
GW-29-5.9-15.0

Tgt Ion:152 Resp: 137534

Ion	Ratio	Lower	Upper
152	100		
150	156.8	144.7	217.1
115	62.2	64.0	96.0#

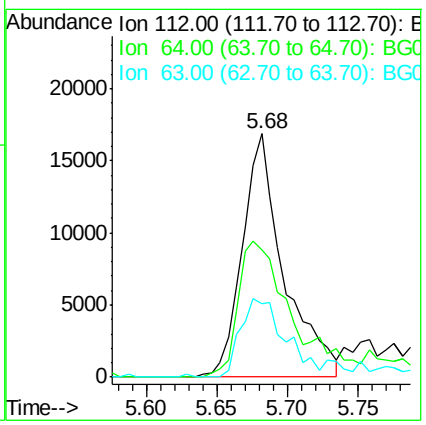


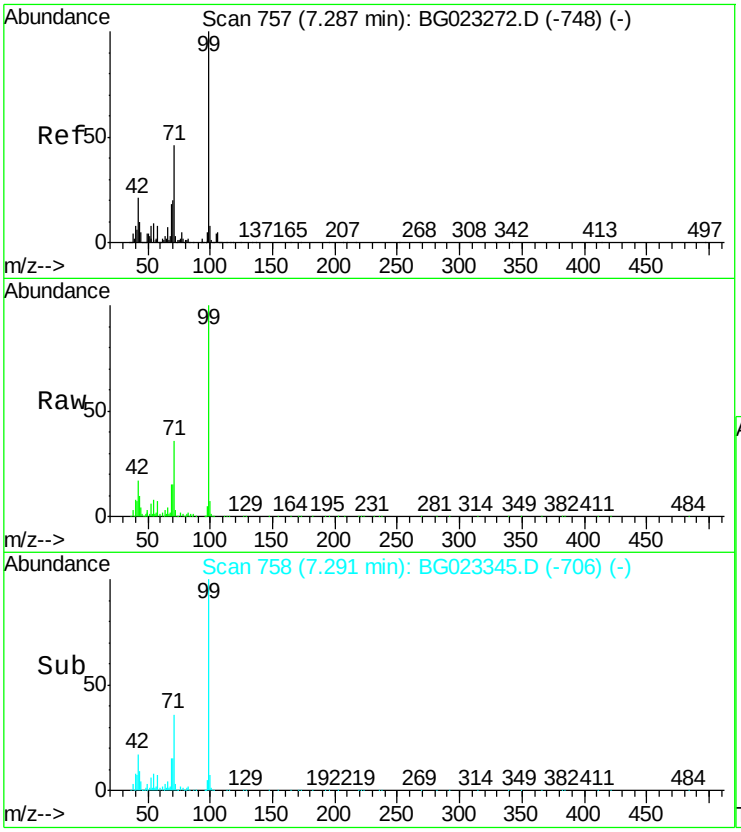


#5
2-Fluorophenol
Concen: 4.30 ng
RT: 5.68 min Scan# 484
Delta R.T. 0.01 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Tgt Ion:112 Resp: 34671

Ion	Ratio	Lower	Upper
112	100		
64	52.2	59.0	88.4#
63	30.0	37.8	56.8#



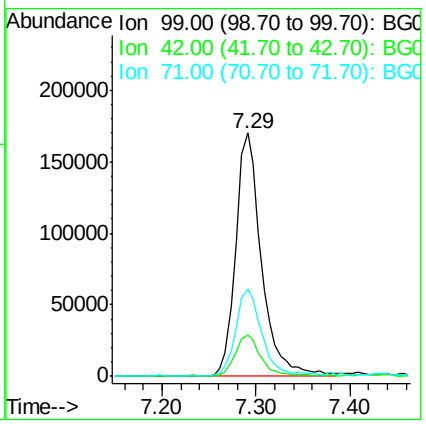


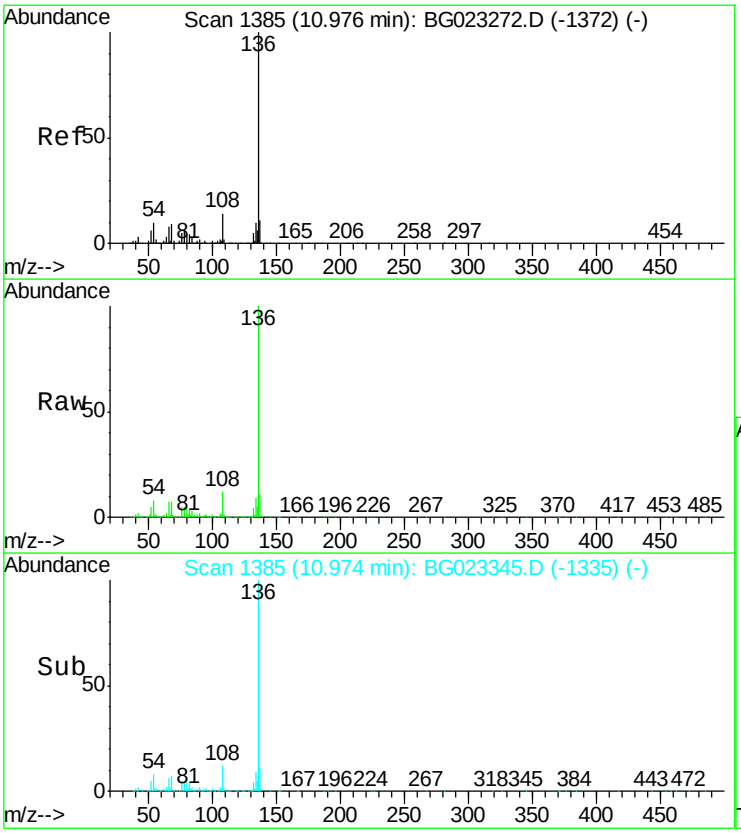
#7
Phenol-d6
Concen: 26.29 ng
RT: 7.29 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :
GW-29-5.9-15.0

Tgt Ion: 99 Resp: 325140

Ion	Ratio	Lower	Upper
99	100		
42	17.2	17.8	26.6#
71	35.8	41.5	62.3#

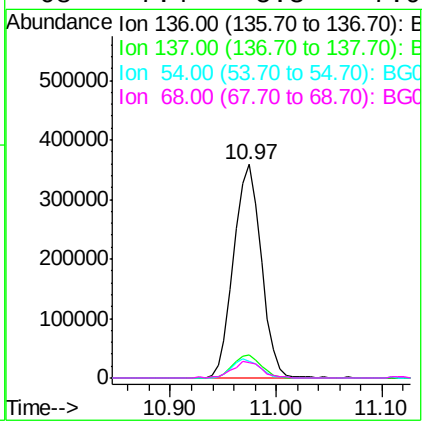


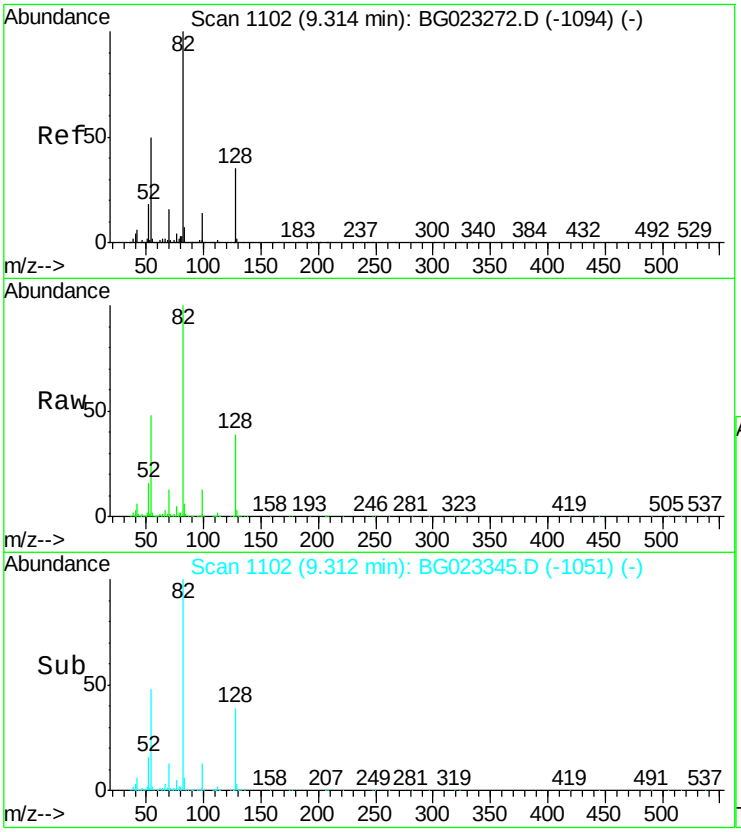


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Tgt Ion:136 Resp: 649209

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	8.1	7.3	10.9
68	7.4	5.3	7.9



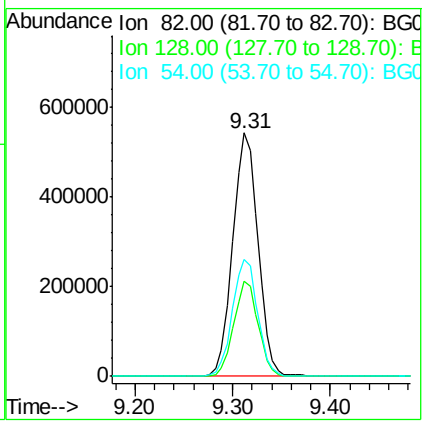


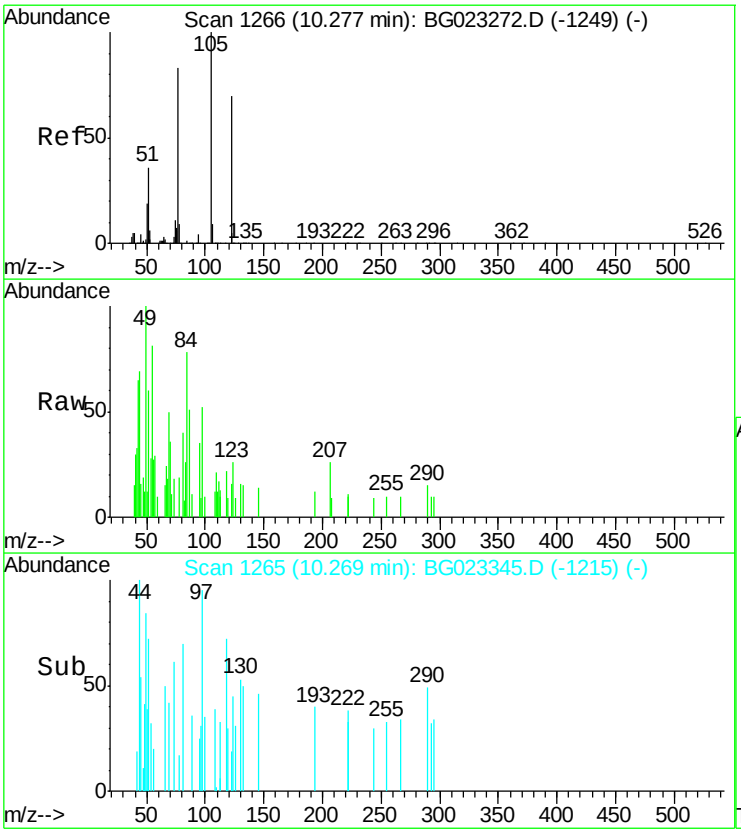
#23
Nitrobenzene-d5
Concen: 73.66 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :
GW-29-5.9-15.0

Tgt Ion: 82 Resp: 977926

Ion	Ratio	Lower	Upper
82	100		
128	38.8	24.4	36.6#
54	47.8	41.4	62.0

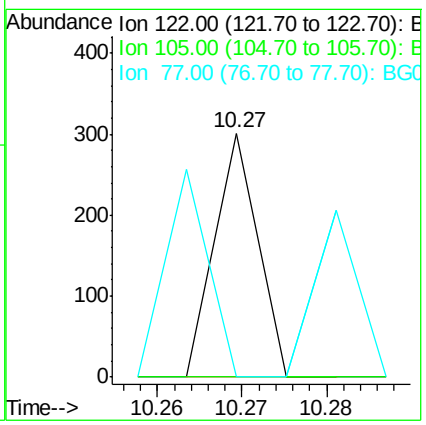


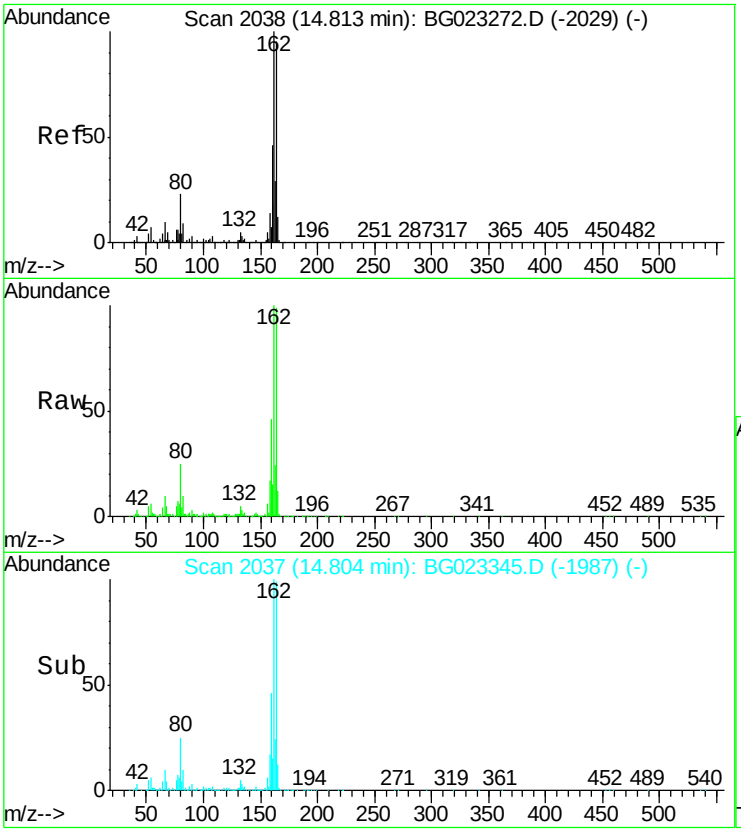


#32
Benzoic acid
Concen: 8.12 ng
RT: 10.27 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Tgt Ion:122 Resp: 106

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



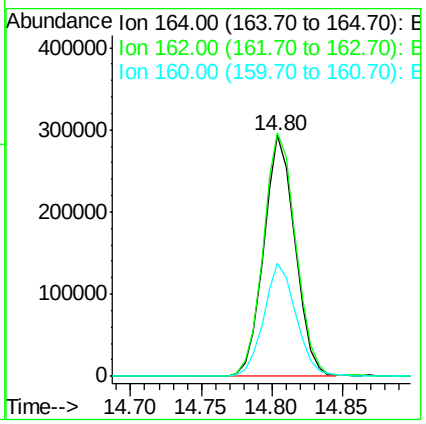


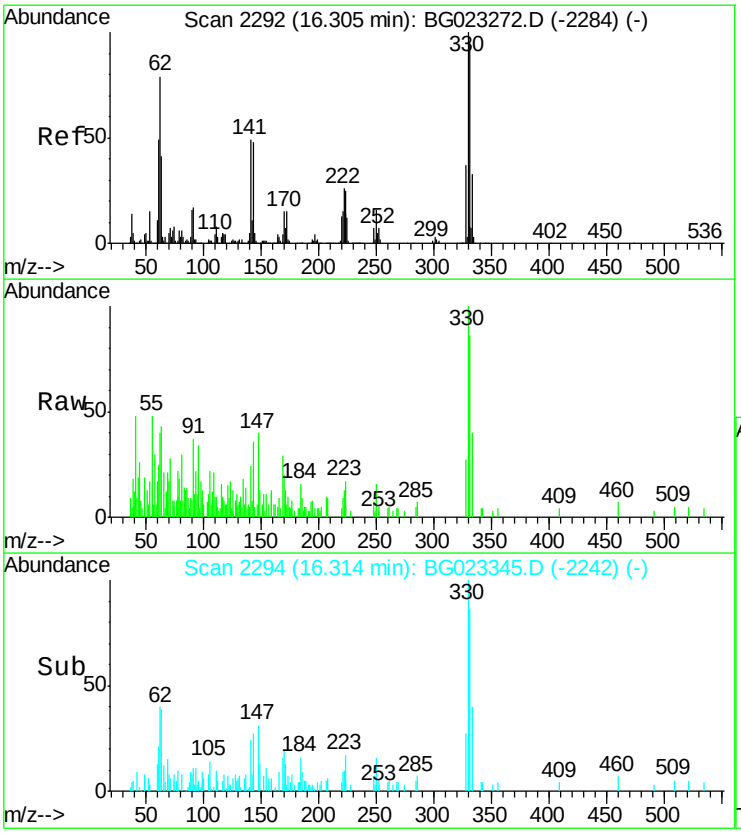
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :
GW-29-5.9-15.0

Tgt Ion:164 Resp: 454637

Ion	Ratio	Lower	Upper
164	100		
162	101.0	87.7	131.5
160	46.7	37.2	55.8

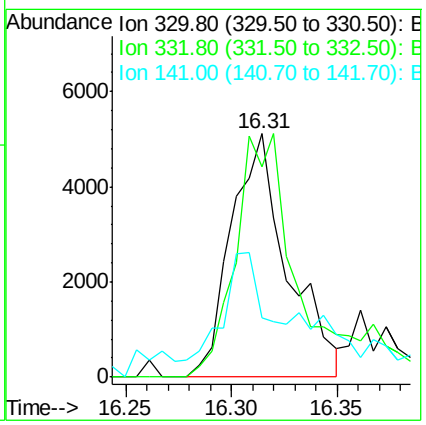


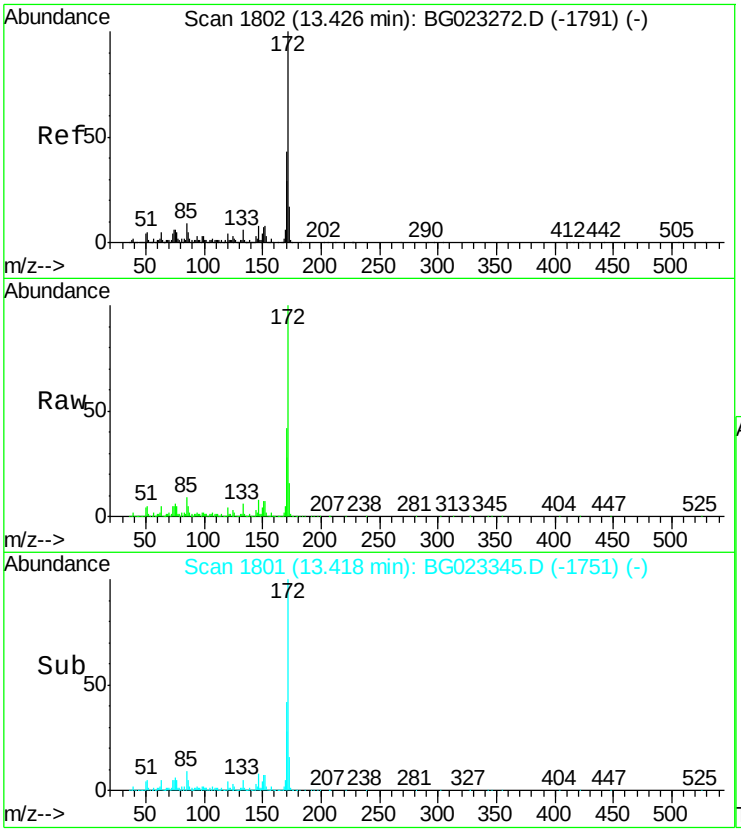


#41
2,4,6-Tribromophenol
Concen: 2.01 ng
RT: 16.31 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Tgt Ion:330 Resp: 9478

Ion	Ratio	Lower	Upper
330	100		
332	118.7	77.4	116.2#
141	32.7	31.7	47.5



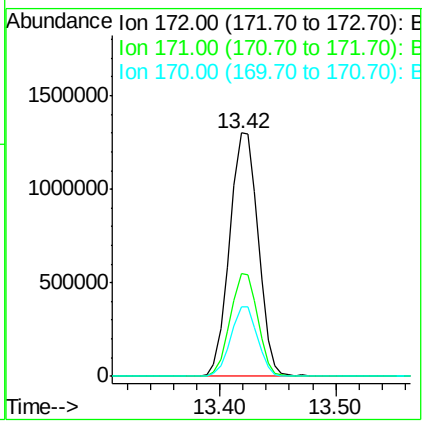


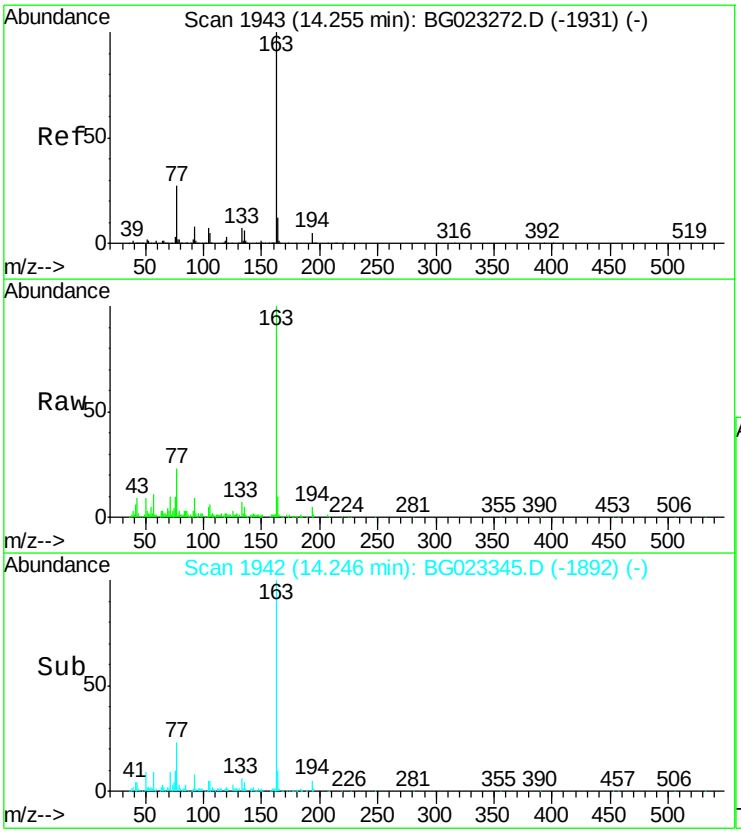
#44
2-Fluorobiphenyl
Concen: 92.07 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :
GW-29-5.9-15.0

Tgt Ion:172 Resp: 2236395

Ion	Ratio	Lower	Upper
172	100		
171	42.0	31.6	47.4
170	28.3	21.3	31.9

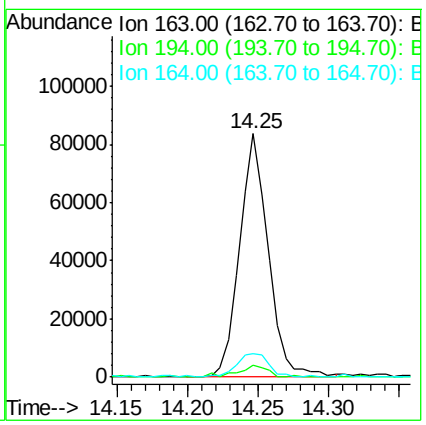


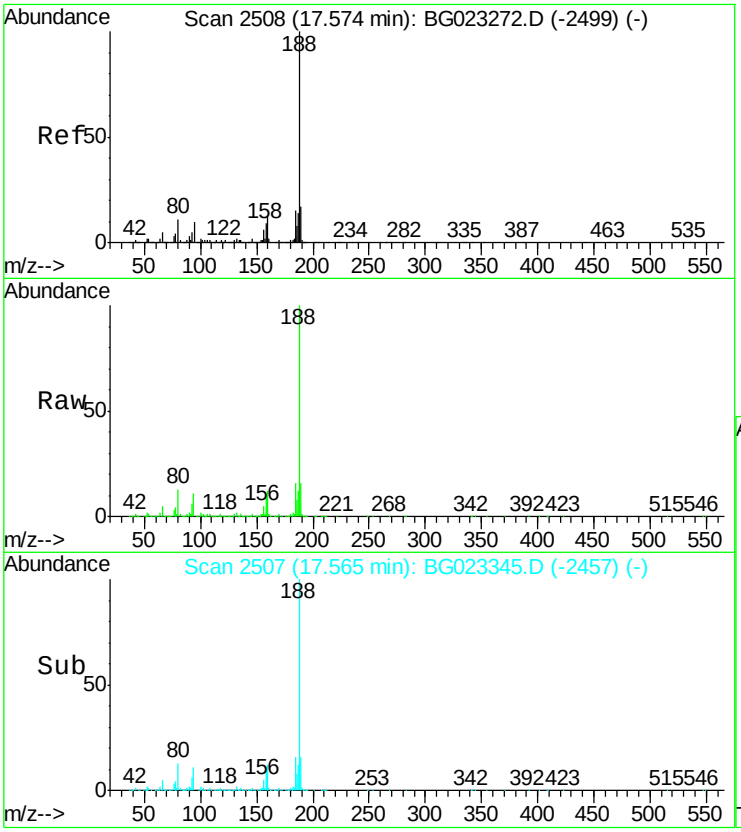


#49
Dimethylphthalate
Concen: 3.55 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Tgt Ion:163 Resp: 118974

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	9.6	8.1	12.1



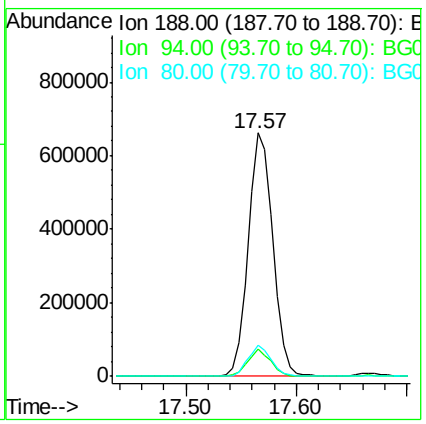


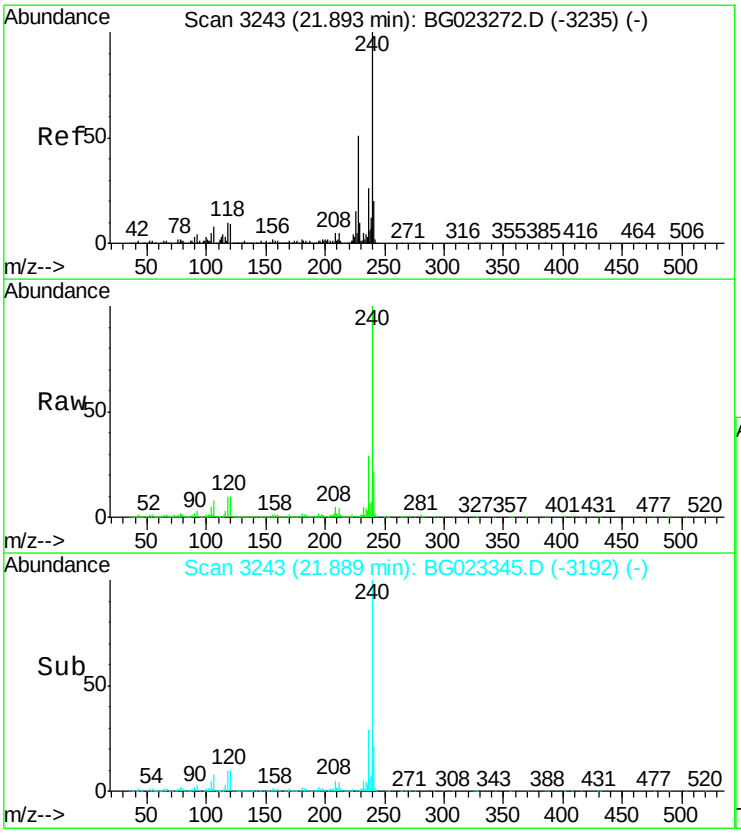
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :
GW-29-5.9-15.0

Tgt Ion:188 Resp: 1036972

Ion	Ratio	Lower	Upper
188	100		
94	11.2	5.2	7.8#
80	12.9	7.2	10.8#

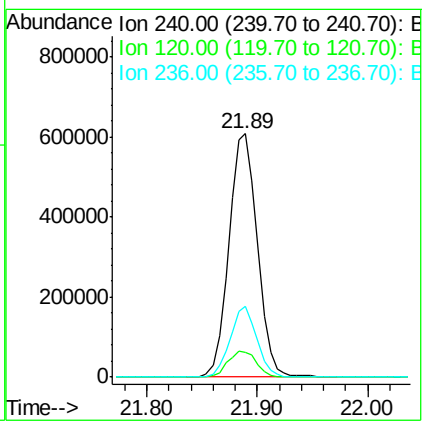


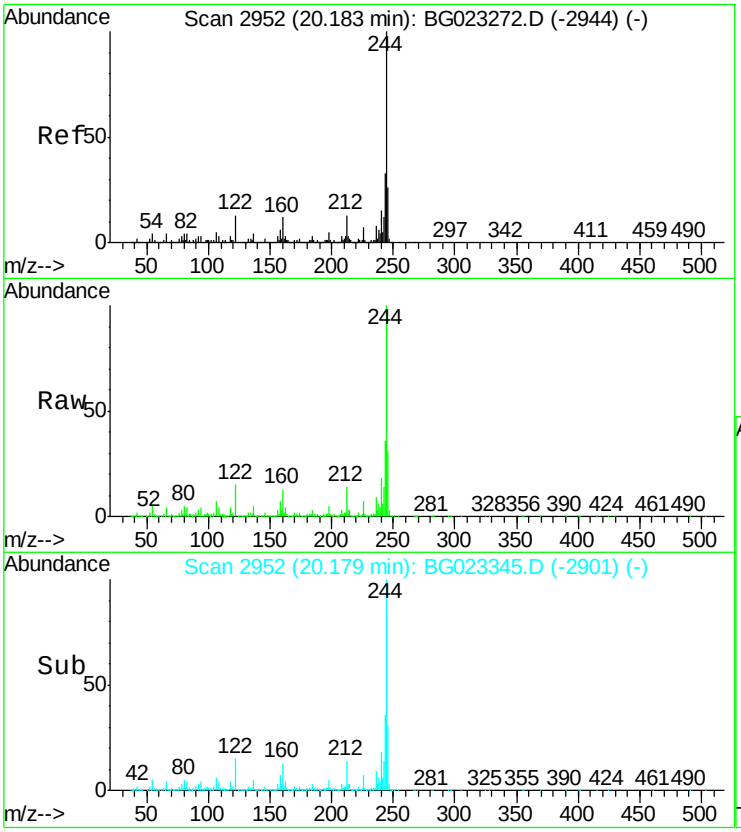


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Tgt Ion:240 Resp: 1095091

Ion	Ratio	Lower	Upper
240	100		
120	10.4	4.1	6.1#
236	29.3	21.1	31.7



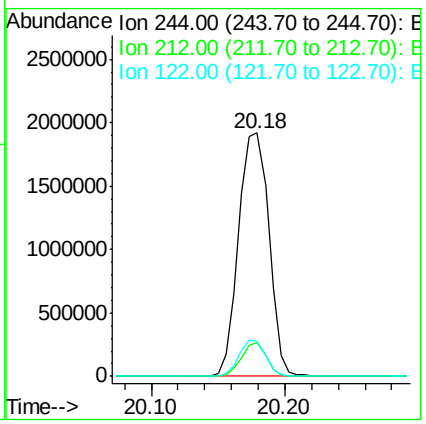


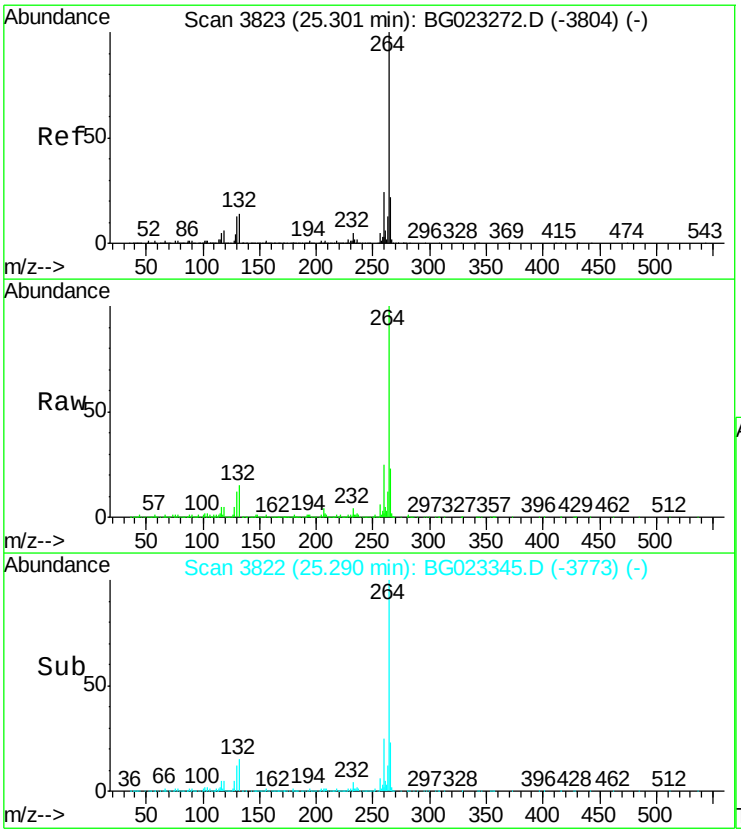
#78
Terphenyl-d14
Concen: 89.49 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :
GW-29-5.9-15.0

Tgt Ion:244 Resp: 3014603

Ion	Ratio	Lower	Upper
244	100		
212	14.0	10.8	16.2
122	14.6	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BG023345.D
Acq: 29 Jul 2016 22:32

Tgt Ion:264 Resp: 1113668

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	23.0	18.9	28.3