Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
Data File : BG023349.D
Acq On : 30 Jul 2016 1:14
Operator : UM/SJ
Sample : H4176-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-36-6.5-15.0

Quant Time: Jul 30 03:20:21 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	152995	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	706378	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	486006	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1097787	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1115895	20.00	ng	0.00
86) Perylene-d12	25.30	264	1145901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	862612	96.25	ng	0.00
7) Phenol-d6	7.29	99	991644	72.07	ng	0.00
23) Nitrobenzene-d5	9.31	82	1218424	84.35	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	836472	166.29	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2463971	94.89	ng	0.00
78) Terphenyl-d14	20.18	244	2952829	86.02	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.25	163	123089	3.43	ng	100

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

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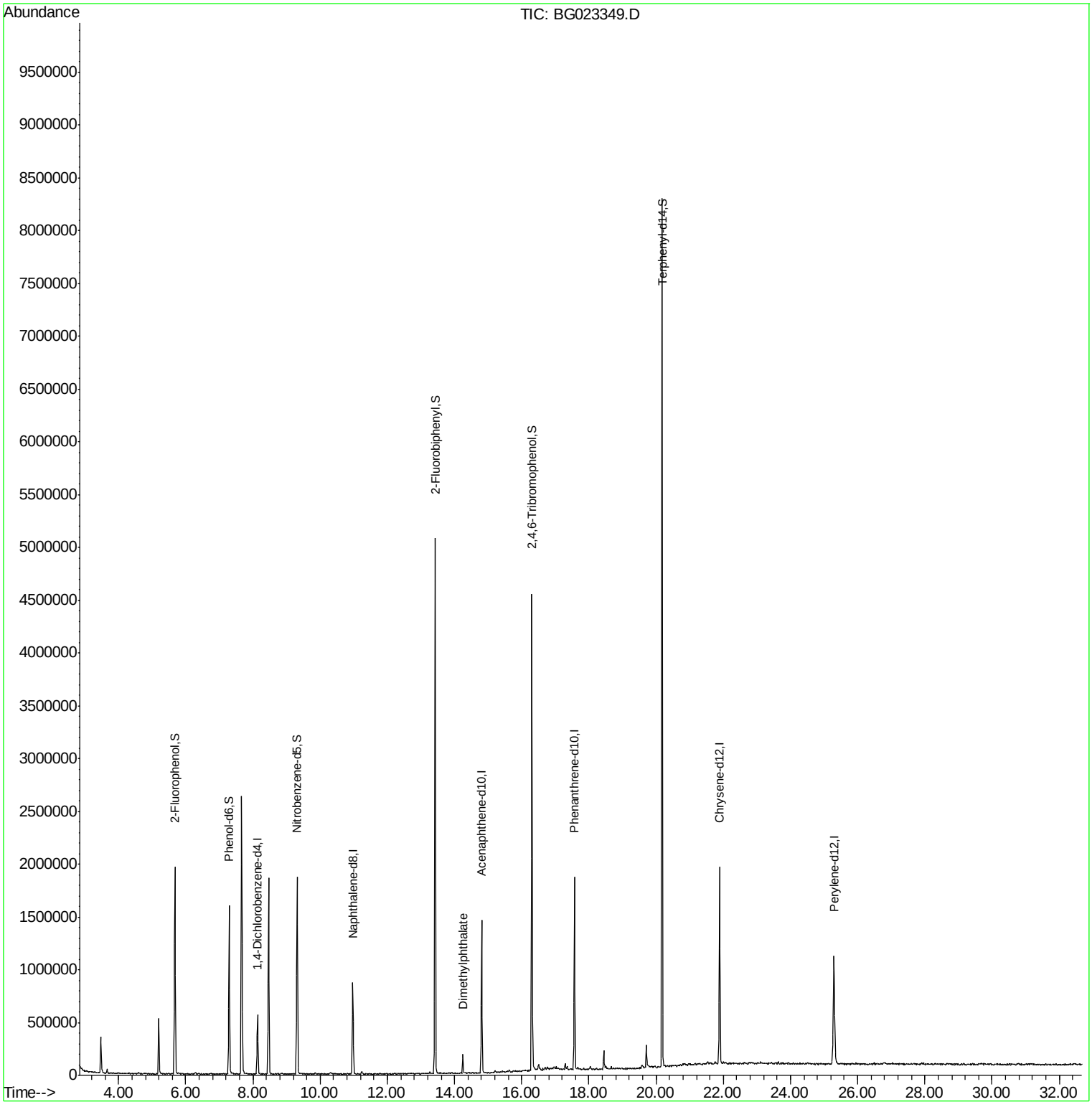
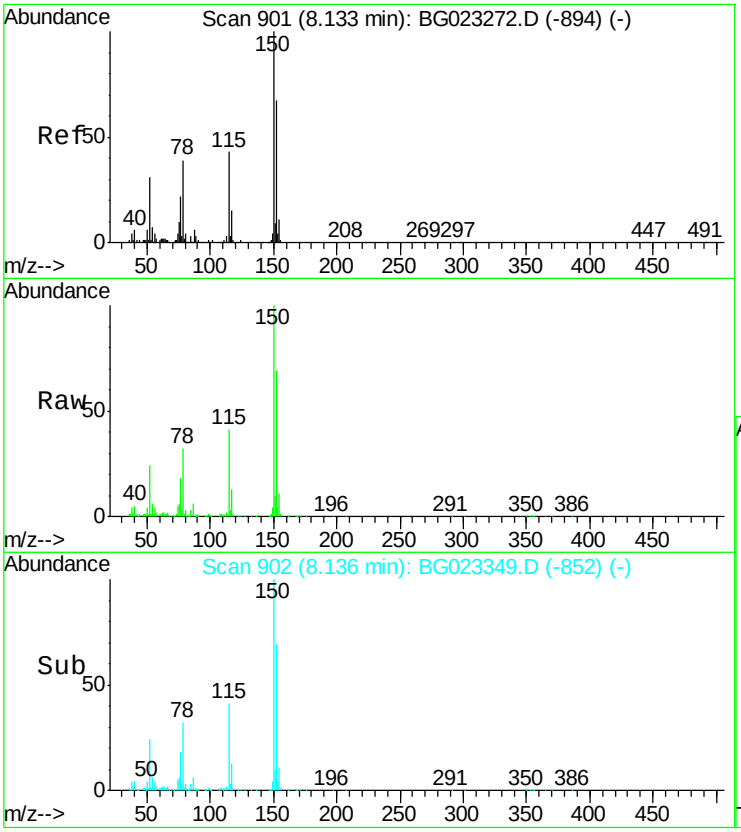


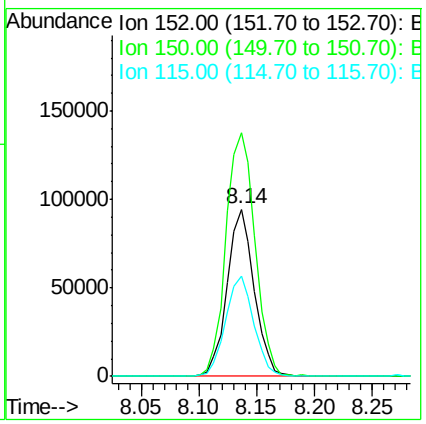


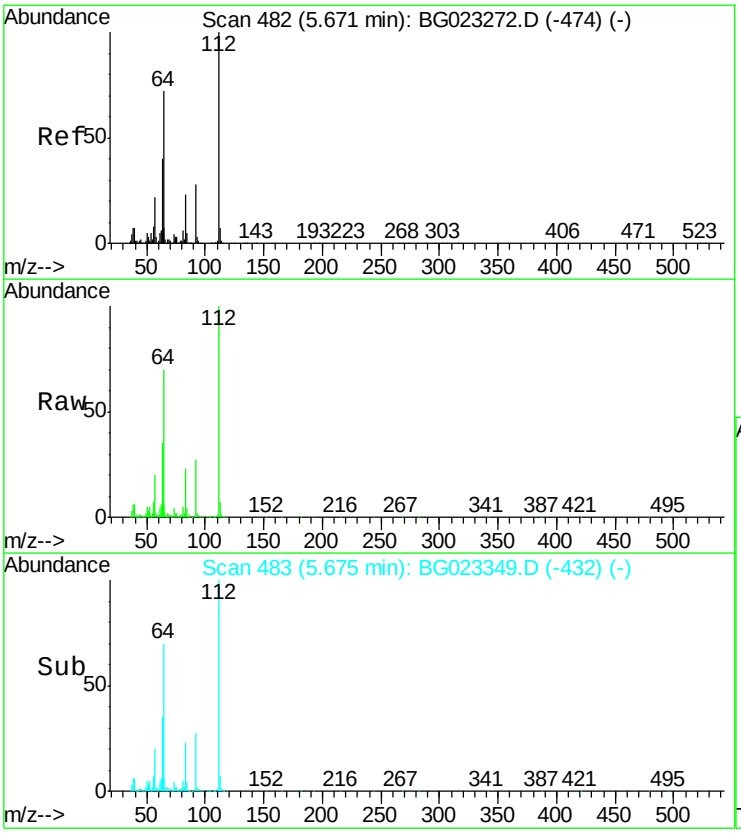
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
GW-36-6.5-15.0

Tgt Ion:152 Resp: 152995

Ion	Ratio	Lower	Upper
152	100		
150	145.8	144.7	217.1
115	60.1	64.0	96.0#

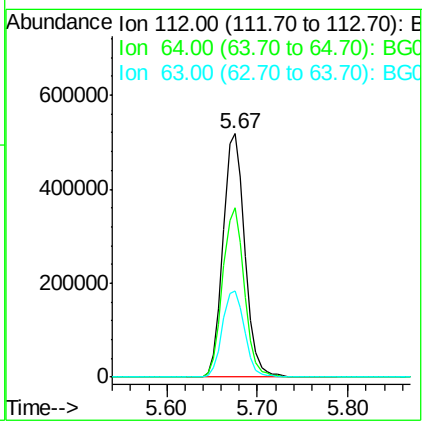


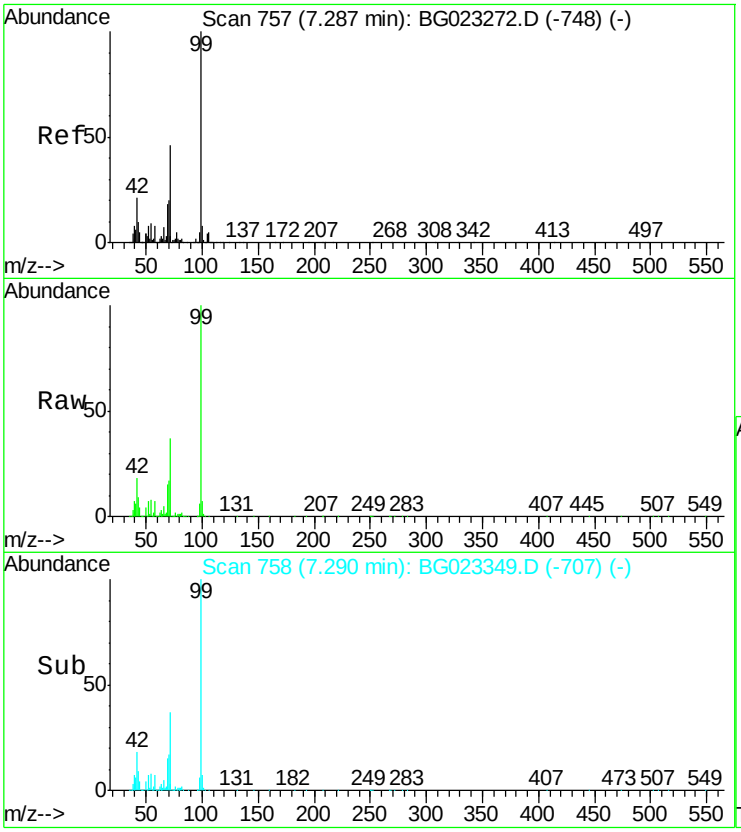


#5
2-Fluorophenol
Concen: 96.25 ng
RT: 5.67 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Tgt Ion:112 Resp: 862612

Ion	Ratio	Lower	Upper
112	100		
64	69.5	59.0	88.4
63	35.5	37.8	56.8#



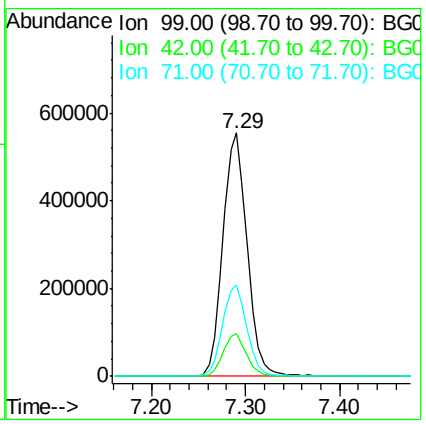


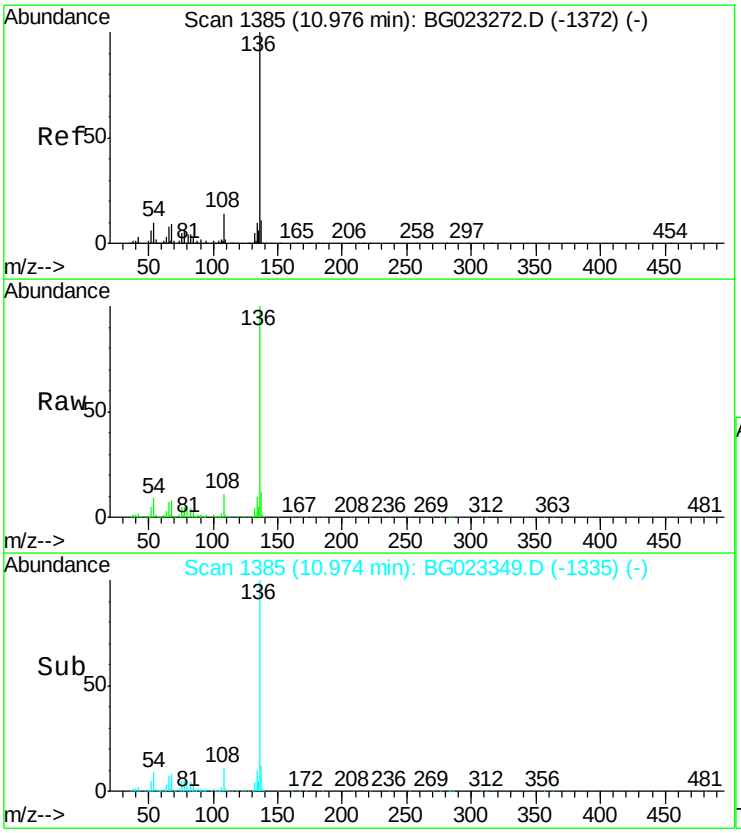
#7
Phenol-d6
Concen: 72.07 ng
RT: 7.29 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
GW-36-6.5-15.0

Tgt Ion: 99 Resp: 991644

Ion	Ratio	Lower	Upper
99	100		
42	17.8	17.8	26.6
71	37.3	41.5	62.3#

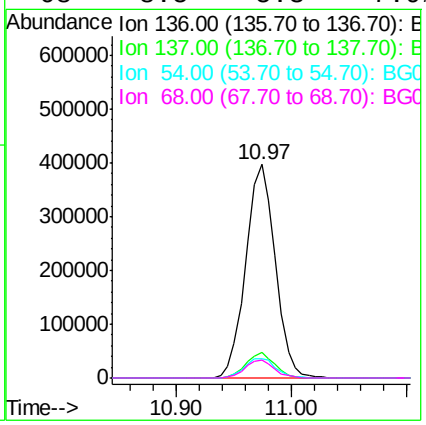


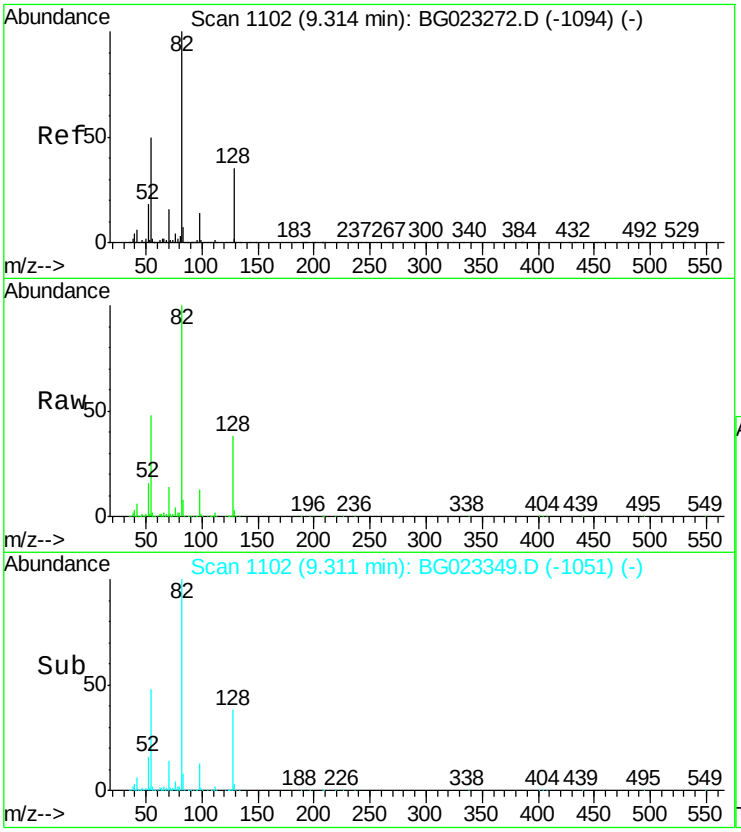


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Tgt Ion:136 Resp: 706378

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	8.7	7.3	10.9
68	8.5	5.3	7.9#



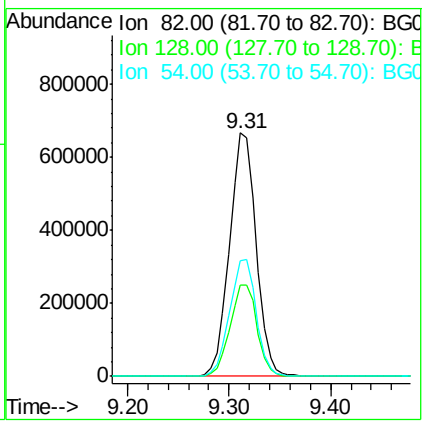


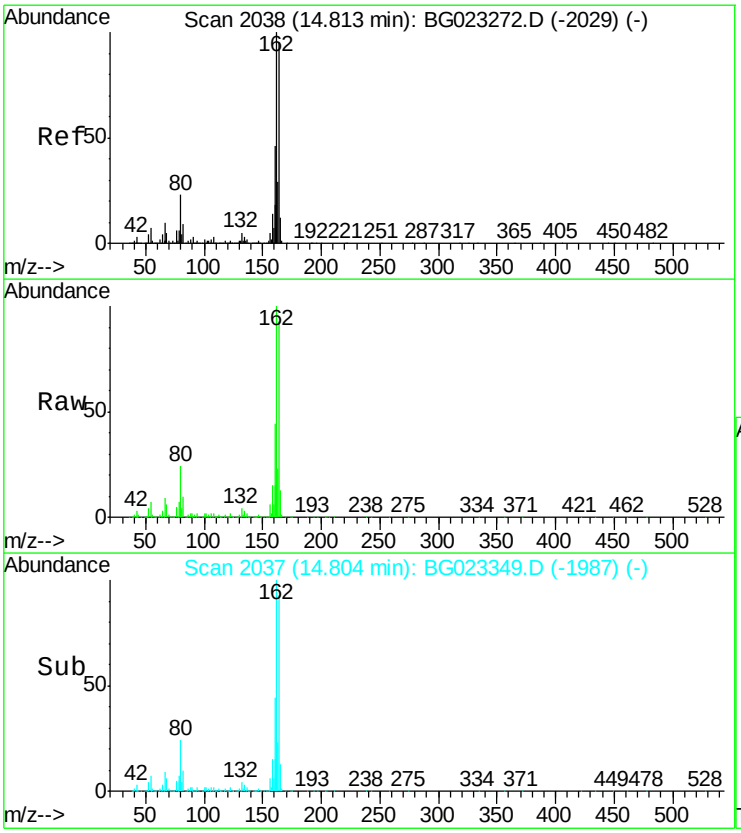
#23
Nitrobenzene-d5
Concen: 84.35 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
GW-36-6.5-15.0

Tgt Ion: 82 Resp: 1218424

Ion	Ratio	Lower	Upper
82	100		
128	37.5	24.4	36.6#
54	47.6	41.4	62.0

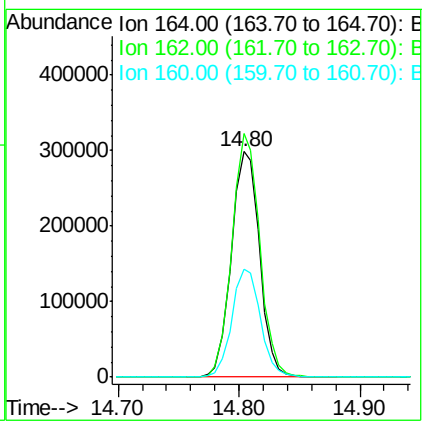


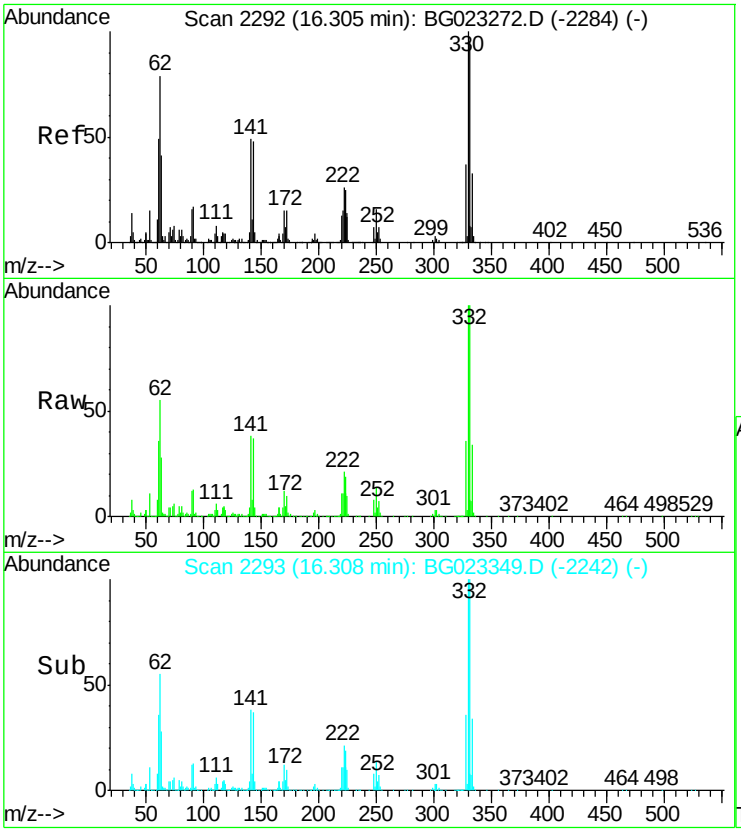


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Tgt Ion:164 Resp: 486006

Ion	Ratio	Lower	Upper
164	100		
162	108.1	87.7	131.5
160	47.9	37.2	55.8



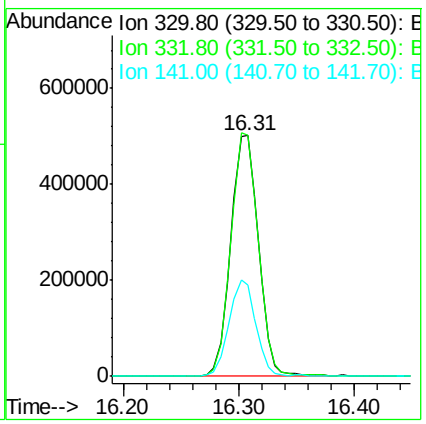


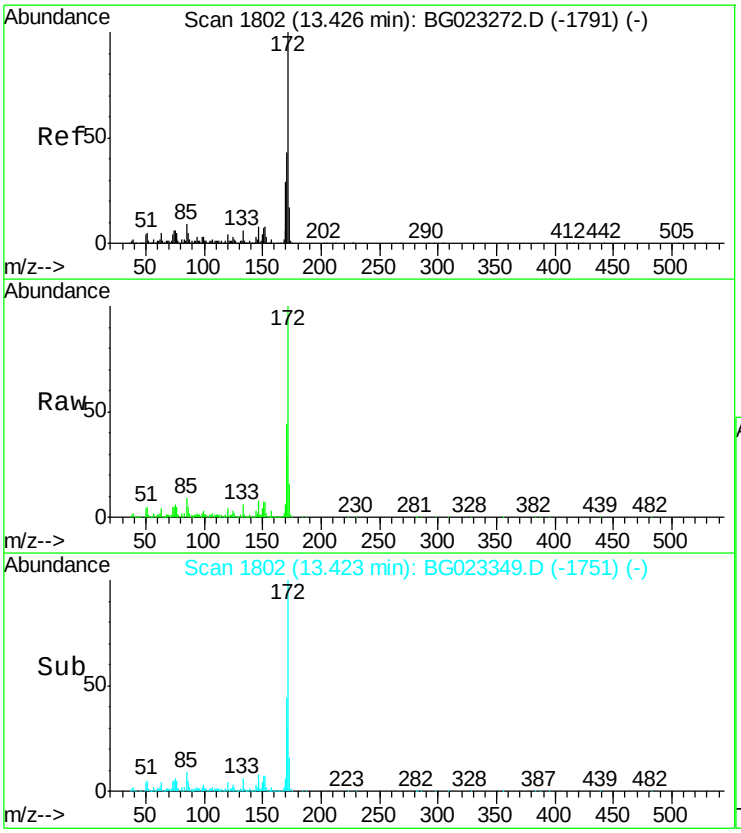
#41
2,4,6-Tribromophenol
Concen: 166.29 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
GW-36-6.5-15.0

Tgt Ion:330 Resp: 836472

Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.4	116.2
141	39.0	31.7	47.5

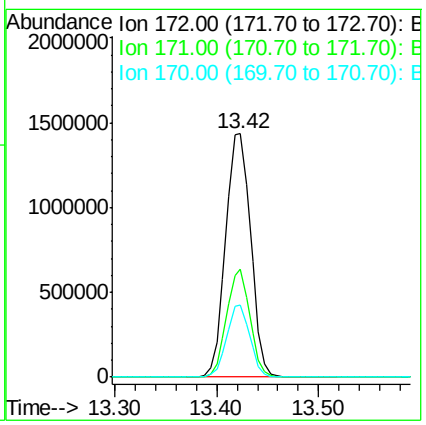


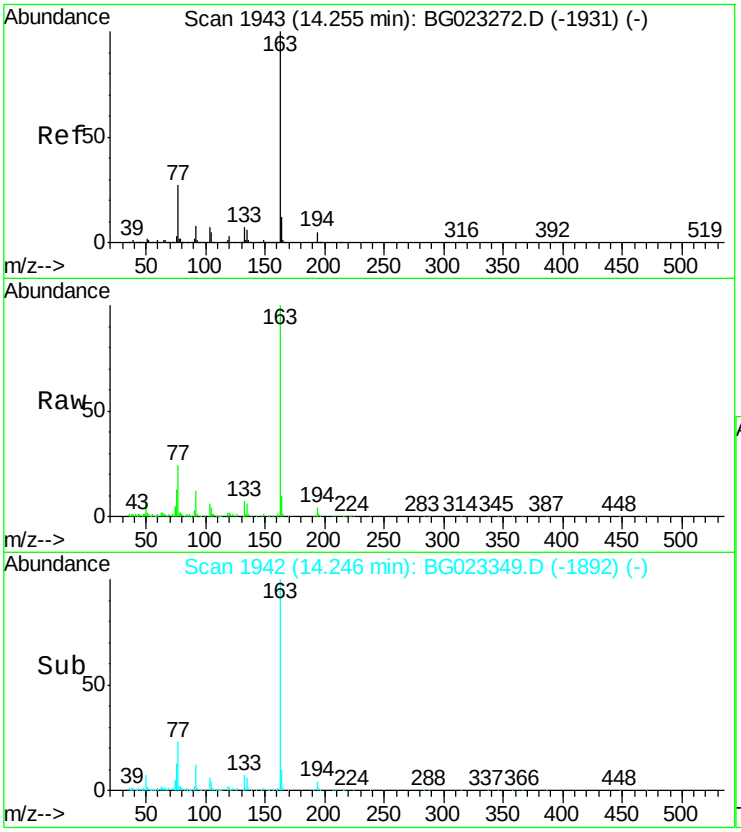


#44
2-Fluorobiphenyl
Concen: 94.89 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Tgt Ion:172 Resp: 2463971

Ion	Ratio	Lower	Upper
172	100		
171	44.2	31.6	47.4
170	29.5	21.3	31.9



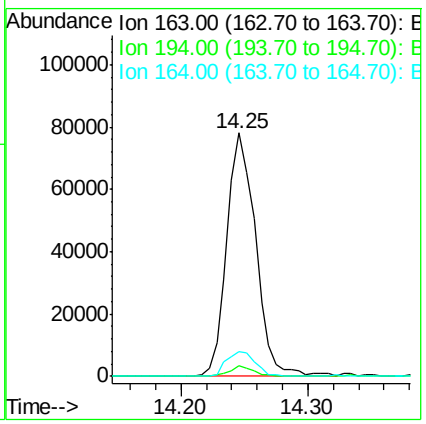


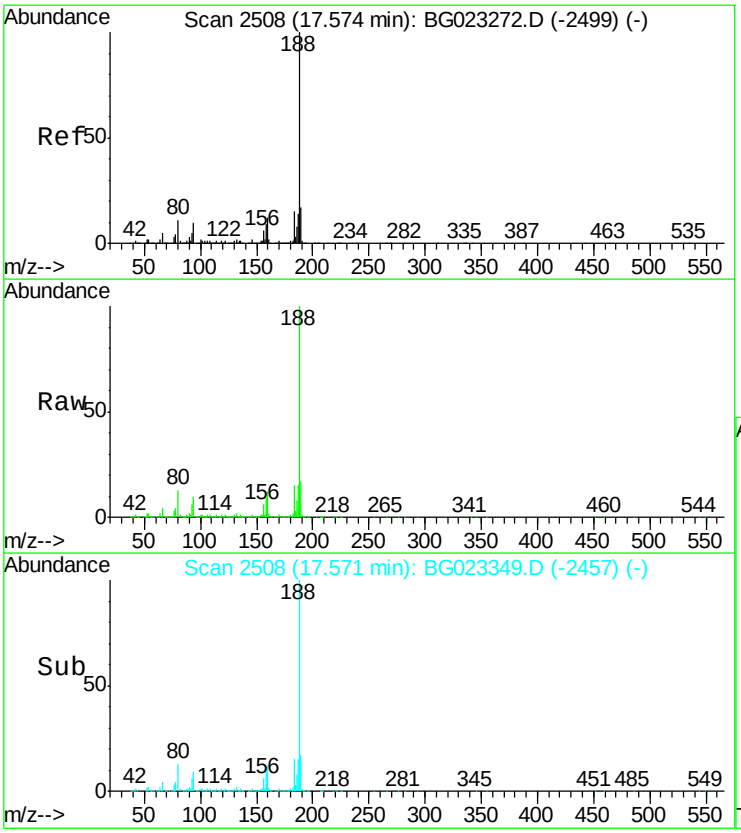
#49
Dimethylphthalate
Concen: 3.43 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
GW-36-6.5-15.0

Tgt Ion:163 Resp: 123089

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

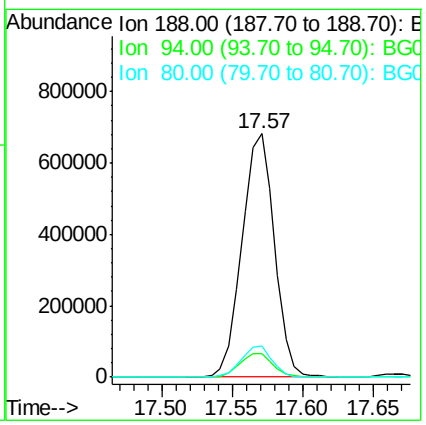


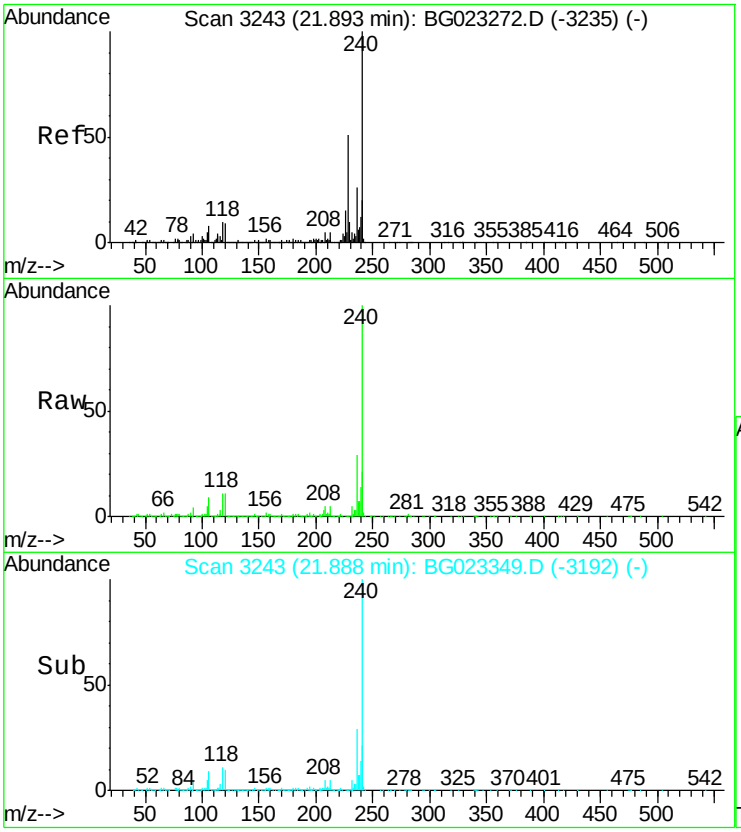


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Tgt Ion:188 Resp: 1097787

Ion	Ratio	Lower	Upper
188	100		
94	9.5	5.2	7.8#
80	12.7	7.2	10.8#



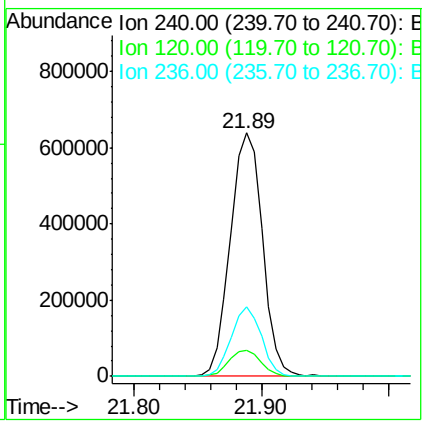


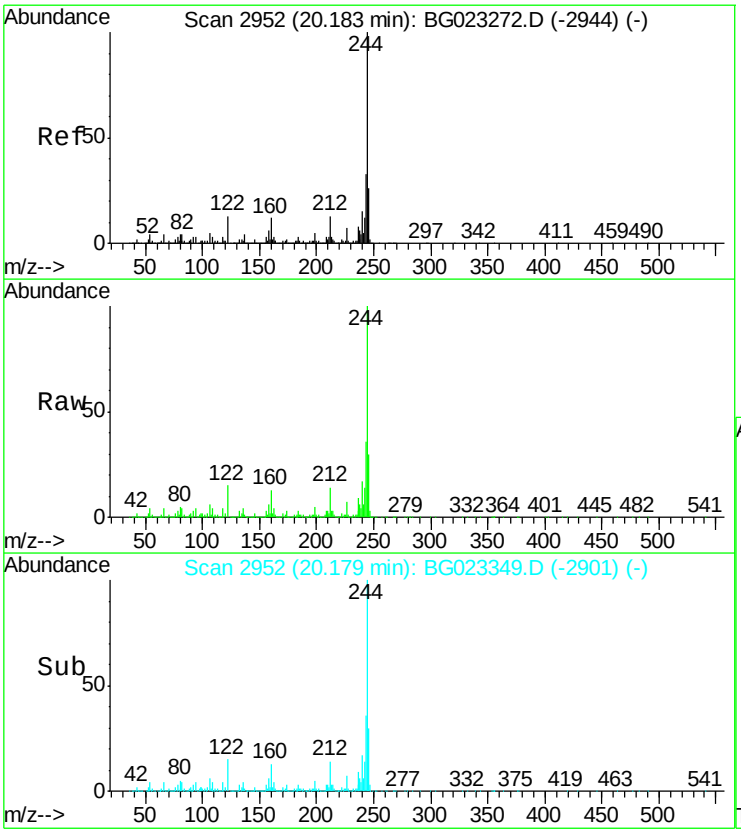
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
GW-36-6.5-15.0

Tgt Ion:240 Resp: 1115895

Ion	Ratio	Lower	Upper
240	100		
120	10.5	4.1	6.1#
236	28.8	21.1	31.7

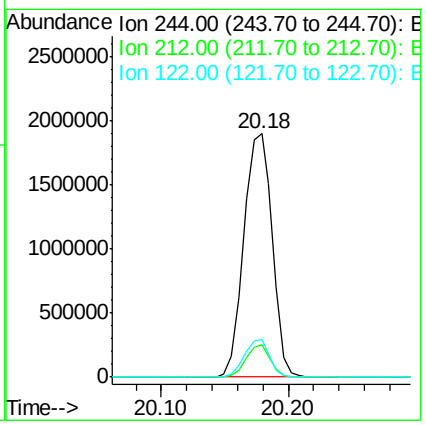


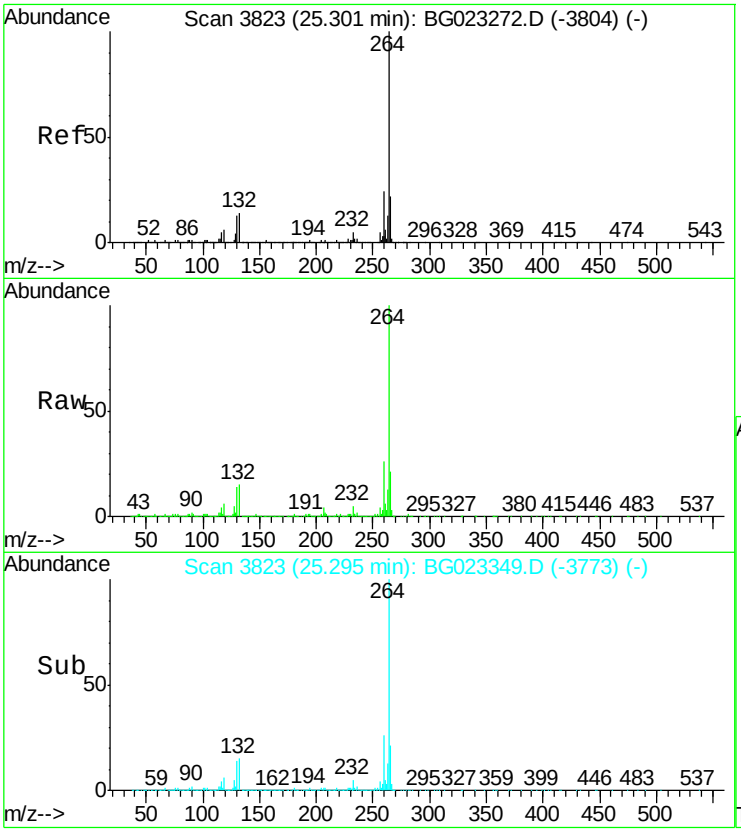


#78
Terphenyl-d14
Concen: 86.02 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023349.D
Acq: 30 Jul 2016 1:14

Tgt Ion:244 Resp: 2952829

Ion	Ratio	Lower	Upper
244	100		
212	13.5	10.8	16.2
122	15.2	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: BG023349.D
Acq: 30 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
GW-36-6.5-15.0

Tgt Ion:264 Resp: 1145901

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.4	27.6
265	20.9	18.9	28.3