Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023292.D
Acq On : 27 Jul 2016 21:01
Operator : UM/SJ
Sample : H4152-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-21-10.0-15.0

Quant Time: Jul 28 03:16:05 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	185221	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	819431	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	543948	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1263055	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1248448	20.00	ng	0.00
86) Perylene-d12	25.30	264	1245268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	827664	76.28	ng	0.00
7) Phenol-d6	7.29	99	866997	52.05	ng	0.00
23) Nitrobenzene-d5	9.31	82	1429833	85.33	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	835715	148.44	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2728089	93.87	ng	0.00
78) Terphenyl-d14	20.18	244	3329091	86.68	ng	0.00
Target Compounds						Qvalue

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

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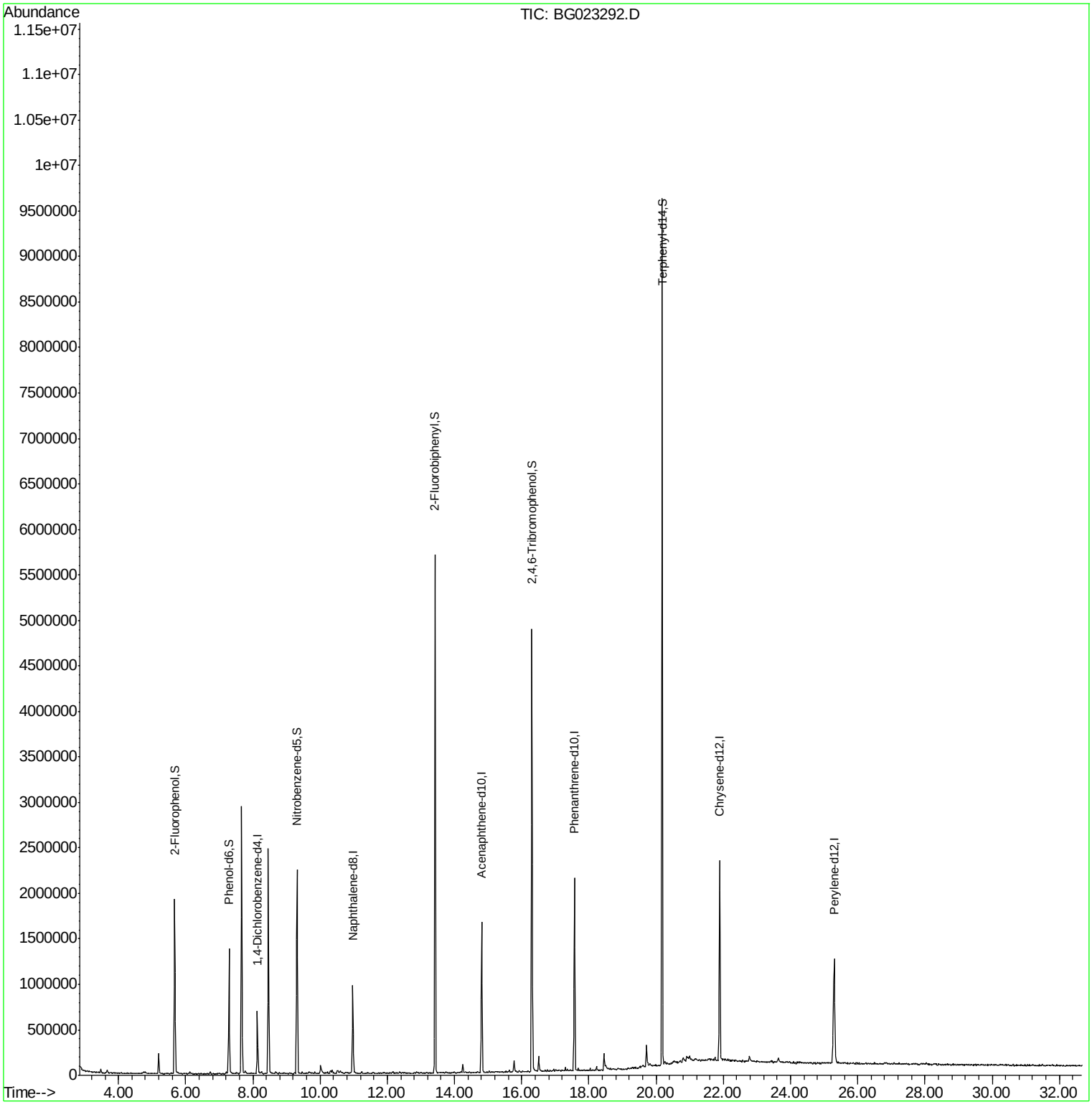
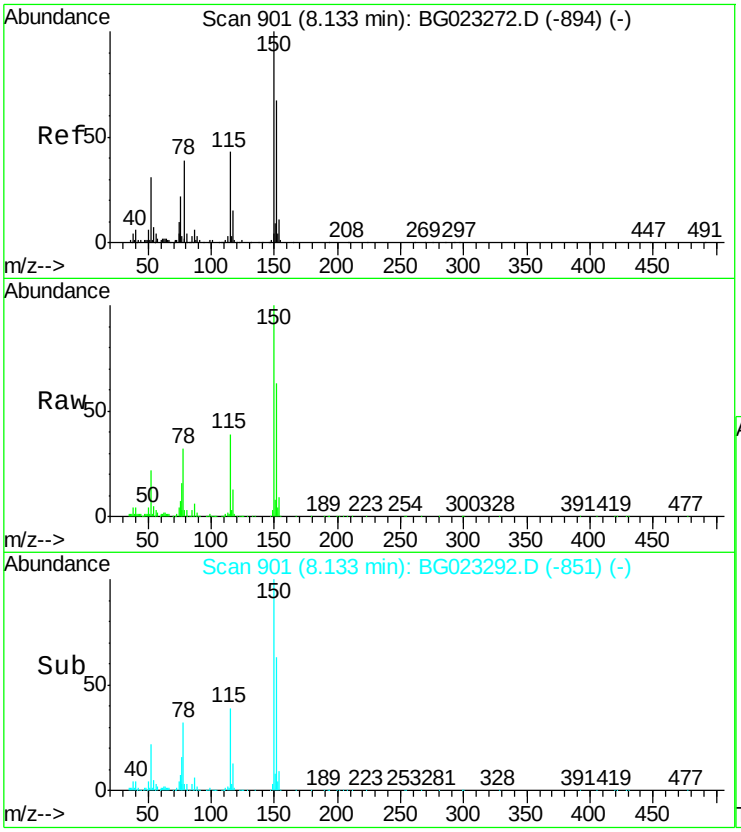


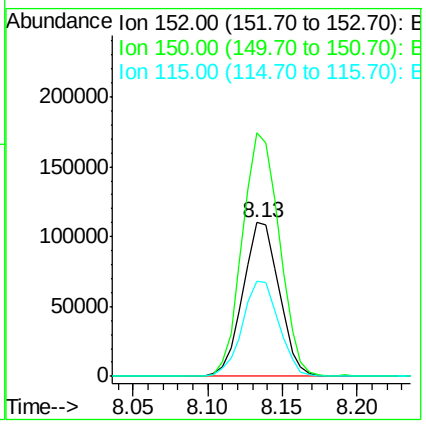


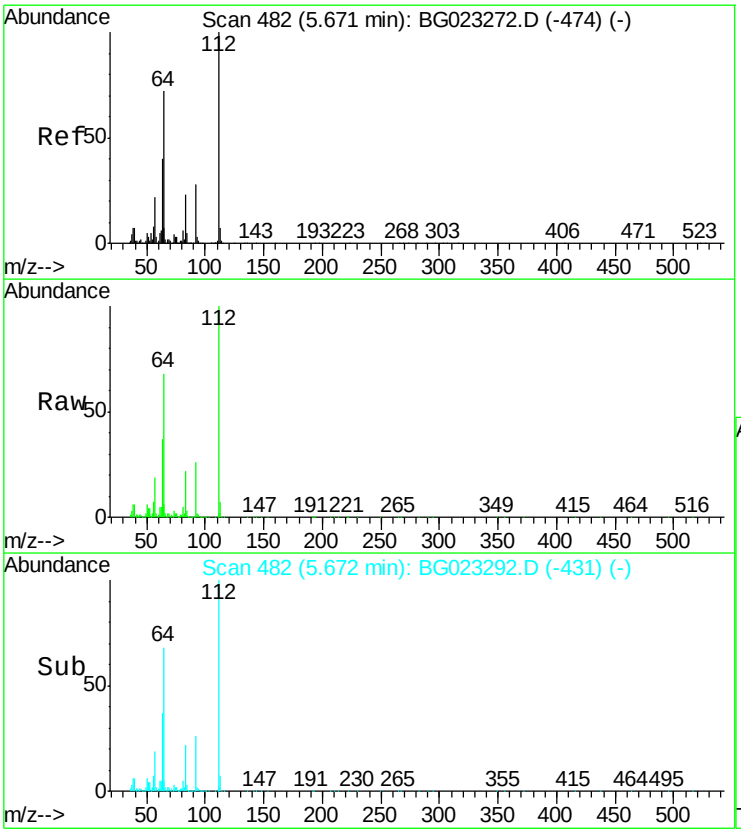
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Instrument :
BNA_G
ClientSampleId :
GW-21-10.0-15.0

Tgt Ion:152 Resp: 185221

Ion	Ratio	Lower	Upper
152	100		
150	158.5	144.7	217.1
115	62.2	64.0	96.0#

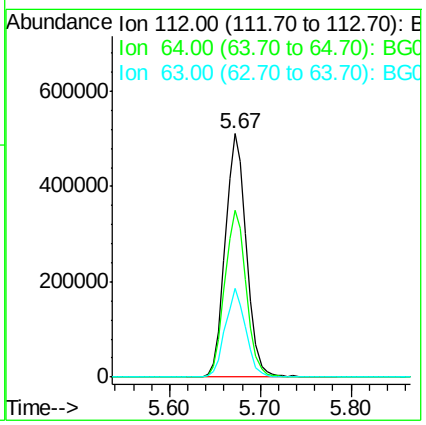


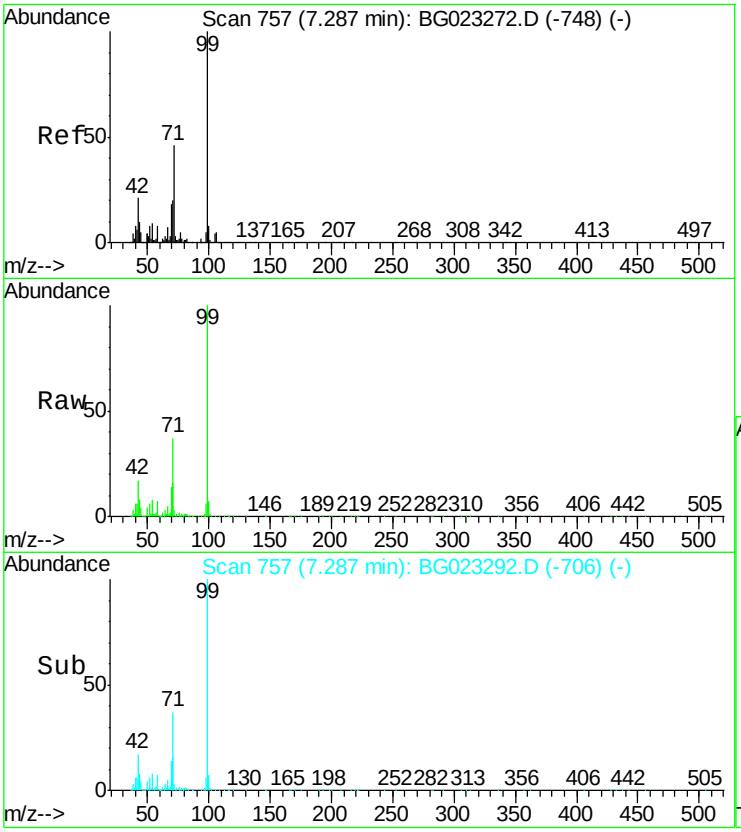


#5
2-Fluorophenol
Concen: 76.28 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Tgt Ion:112 Resp: 827664

Ion	Ratio	Lower	Upper
112	100		
64	68.4	59.0	88.4
63	36.6	37.8	56.8#



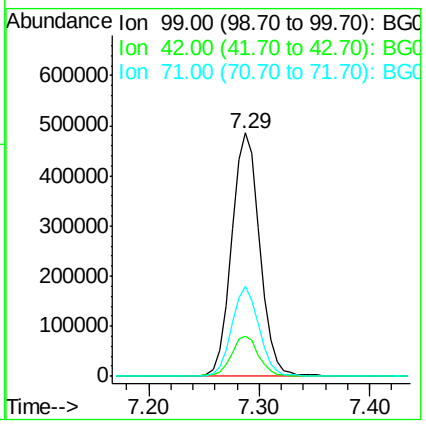


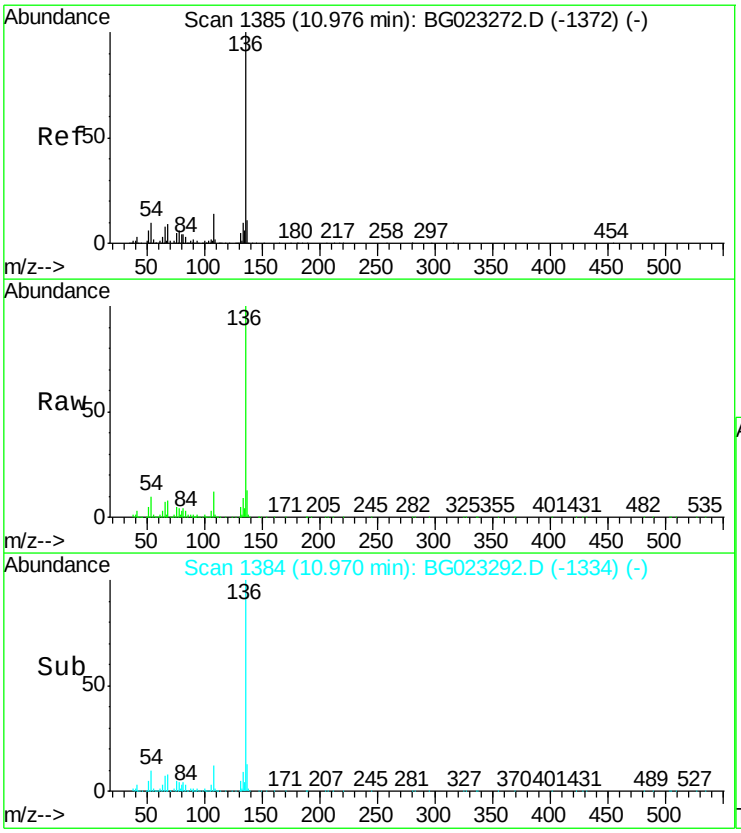
#7
Phenol-d6
Concen: 52.05 ng
RT: 7.29 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Instrument :
BNA_G
ClientSampleId :
GW-21-10.0-15.0

Tgt Ion: 99 Resp: 866997

Ion	Ratio	Lower	Upper
99	100		
42	16.6	17.8	26.6#
71	37.1	41.5	62.3#

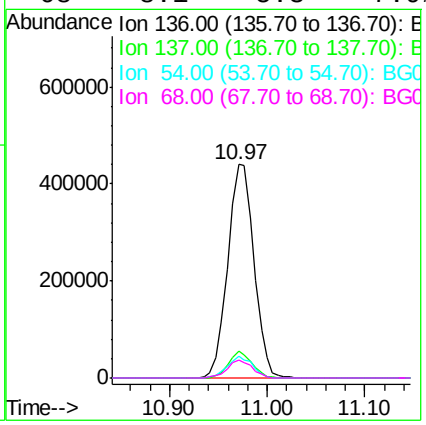


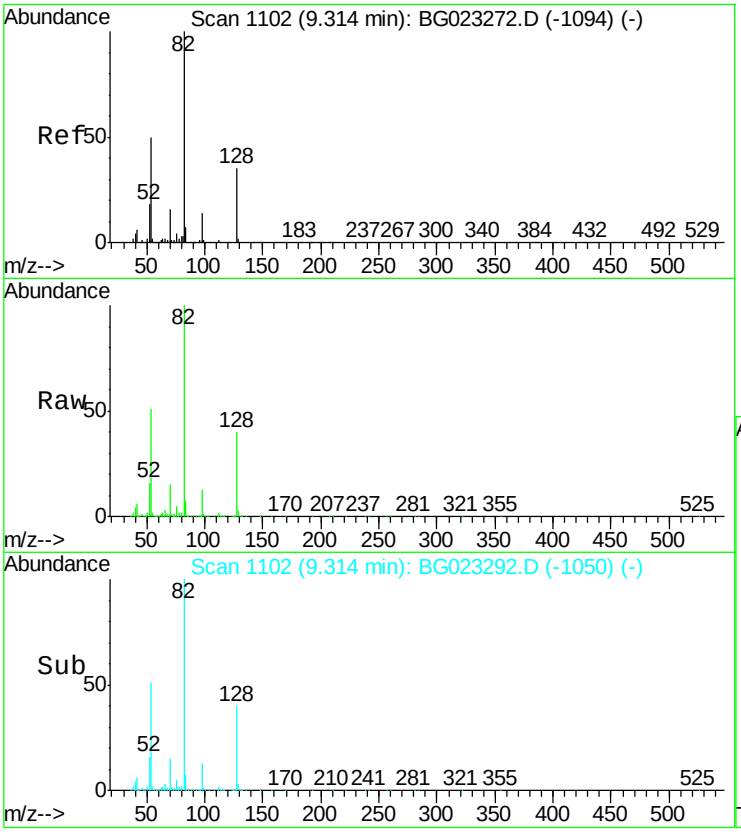


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Tgt Ion:136 Resp: 819431

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.6	14.4
54	9.9	7.3	10.9
68	8.1	5.3	7.9#



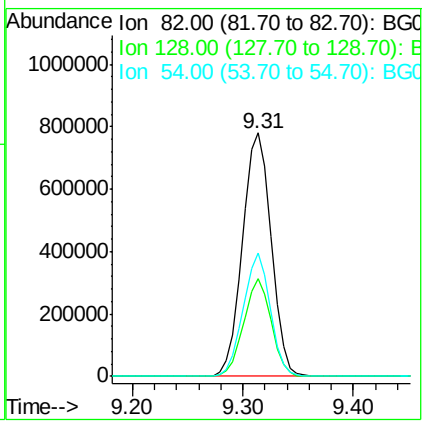


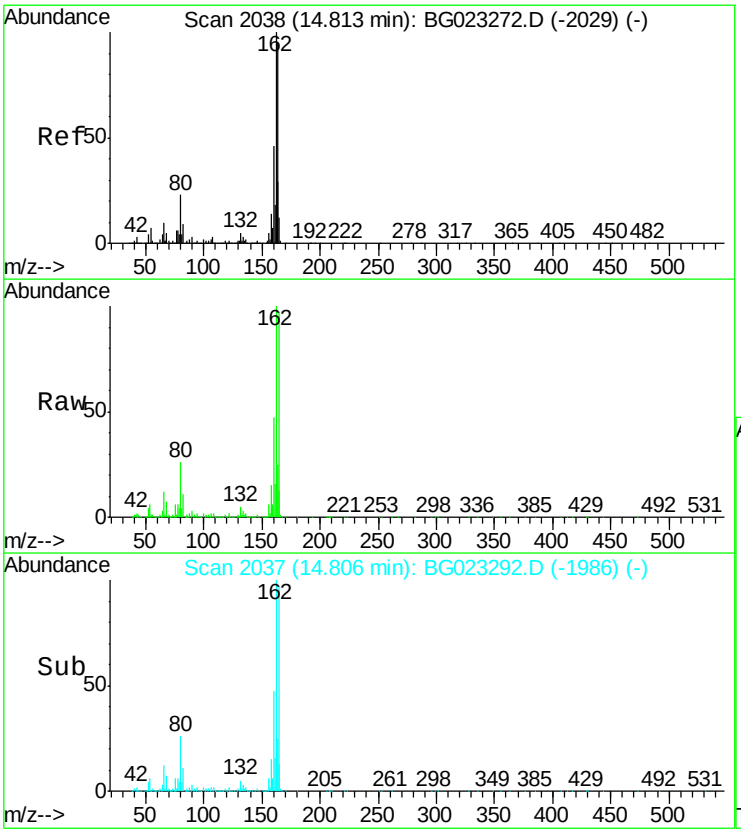
#23
Nitrobenzene-d5
Concen: 85.33 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Instrument :
BNA_G
ClientSampleId :
GW-21-10.0-15.0

Tgt Ion: 82 Resp: 1429833

Ion	Ratio	Lower	Upper
82	100		
128	40.4	24.4	36.6#
54	50.5	41.4	62.0

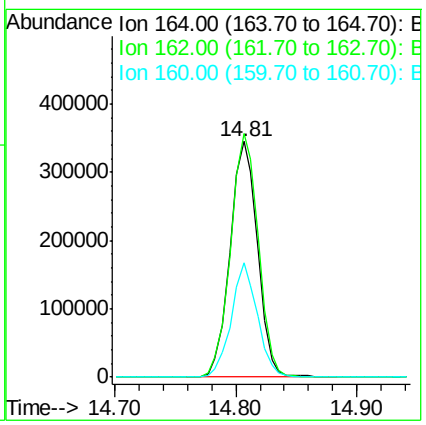


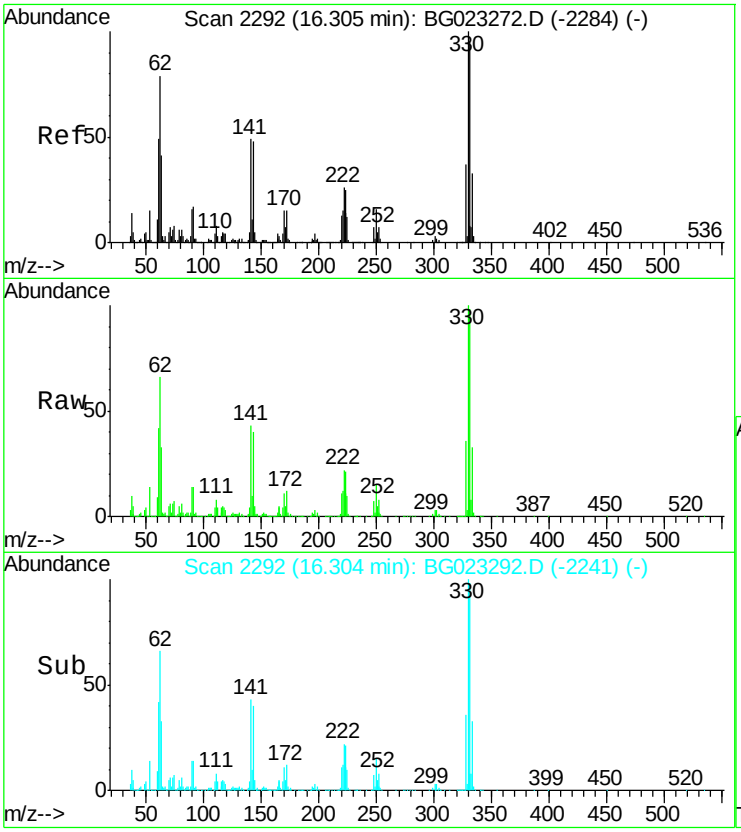


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Tgt Ion:164 Resp: 543948

Ion	Ratio	Lower	Upper
164	100		
162	103.4	87.7	131.5
160	48.5	37.2	55.8



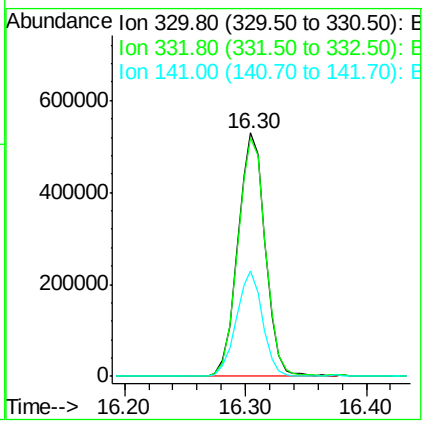


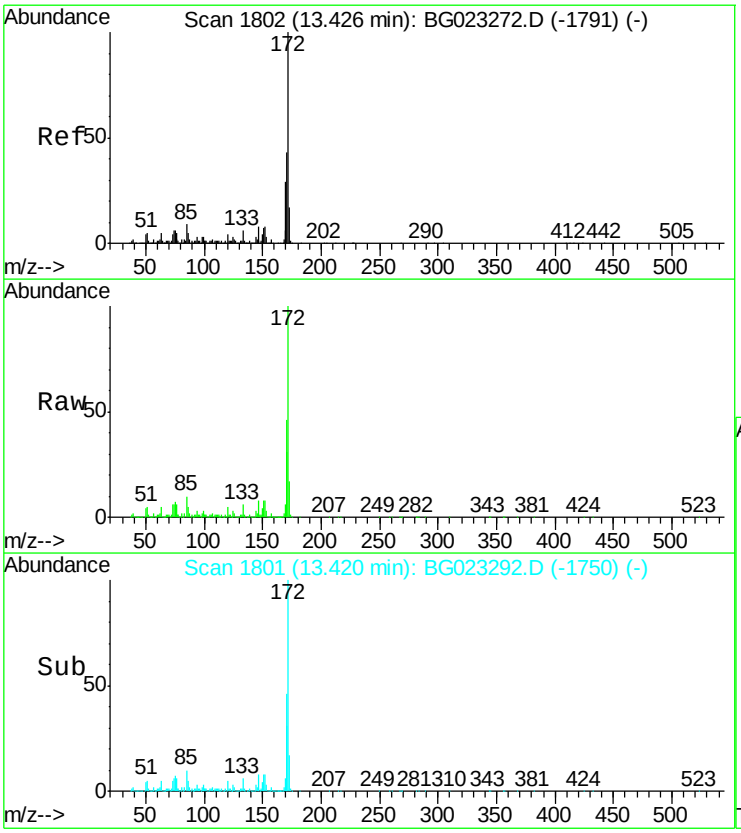
#41
2,4,6-Tribromophenol
Concen: 148.44 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Instrument :
BNA_G
ClientSampleId :
GW-21-10.0-15.0

Tgt Ion:330 Resp: 835715

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.2
141	41.4	31.7	47.5

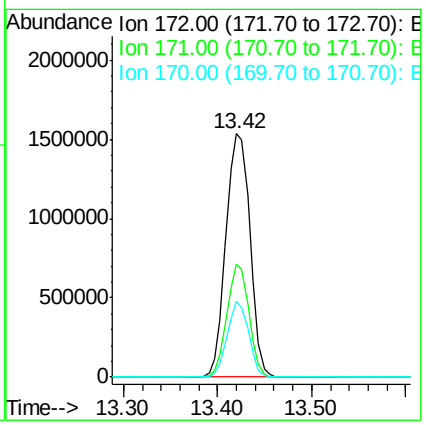


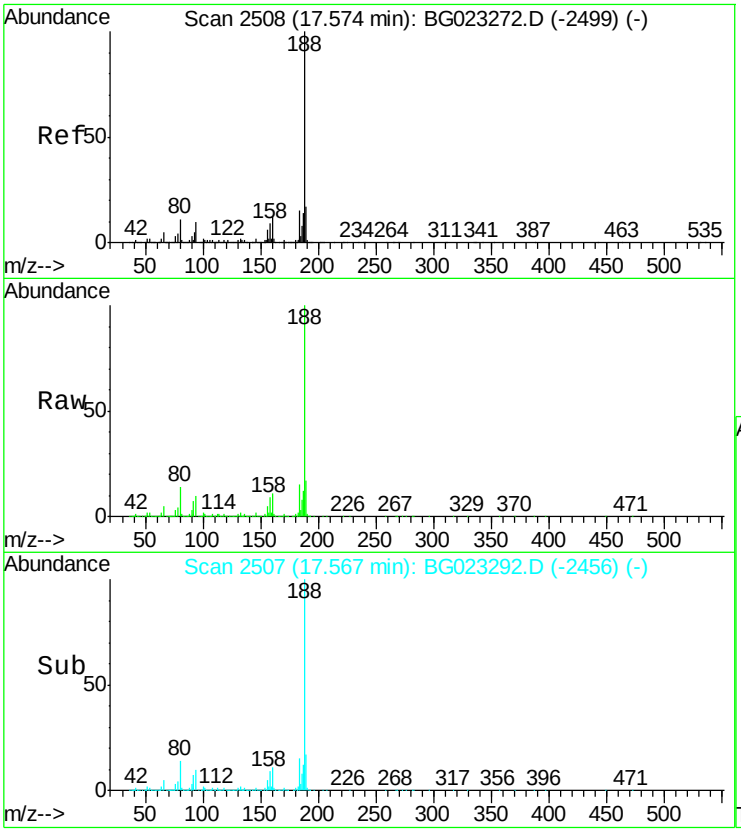


#44
2-Fluorobiphenyl
Concen: 93.87 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Tgt Ion:172 Resp: 2728089

Ion	Ratio	Lower	Upper
172	100		
171	46.4	31.6	47.4
170	31.2	21.3	31.9



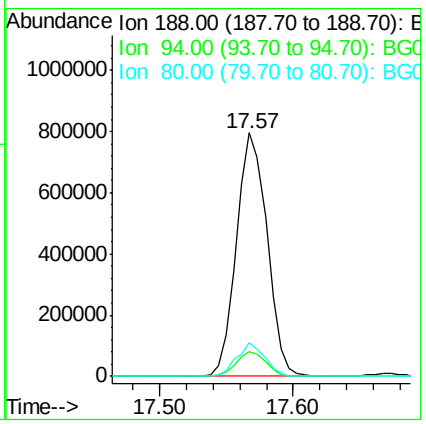


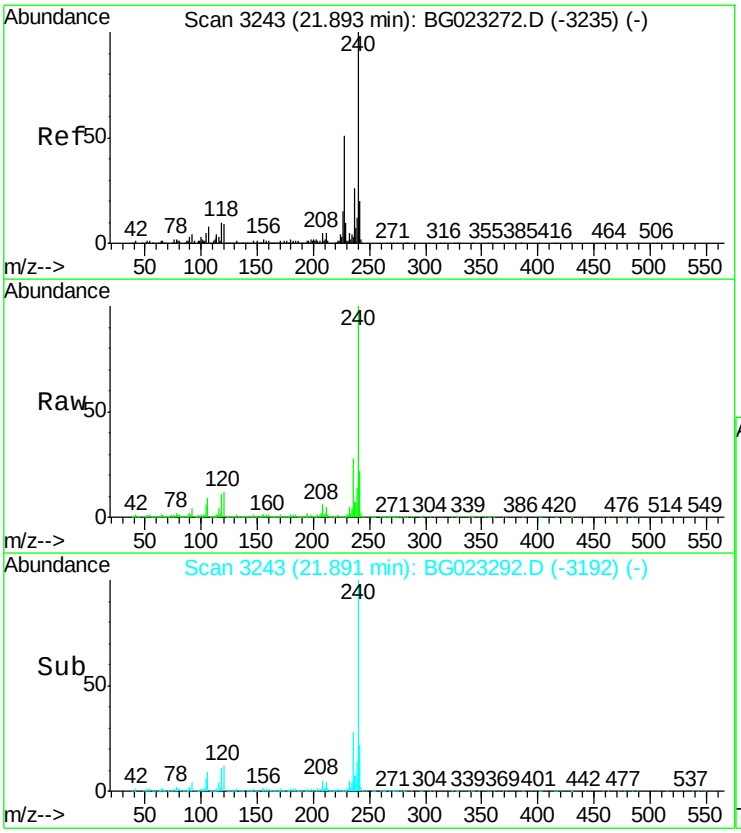
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Instrument :
BNA_G
ClientSampleId :
GW-21-10.0-15.0

Tgt Ion:188 Resp: 1263055

Ion	Ratio	Lower	Upper
188	100		
94	10.4	5.2	7.8#
80	14.0	7.2	10.8#

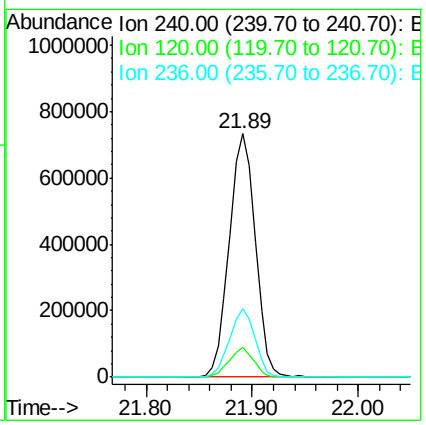


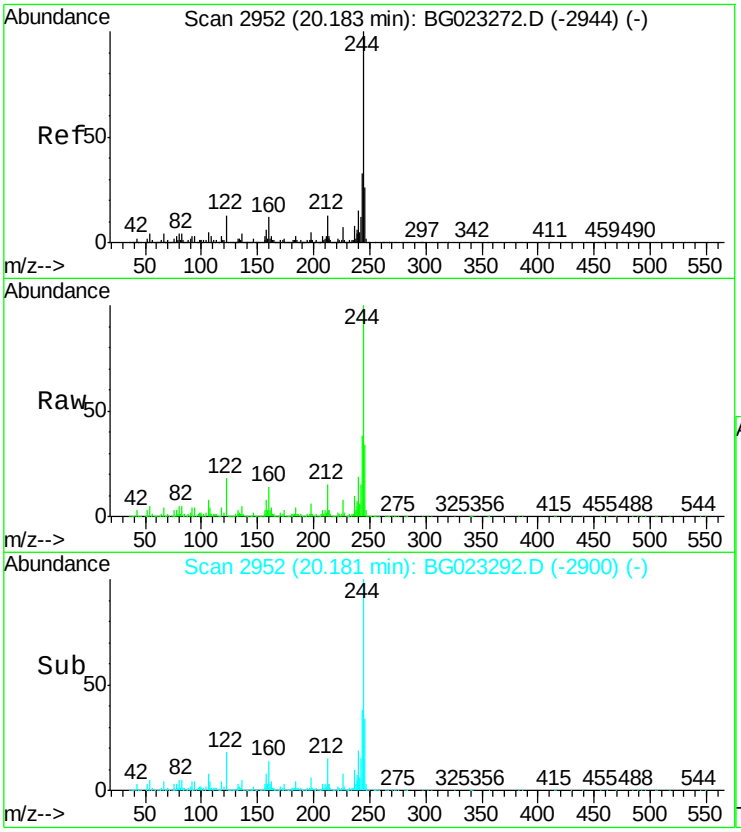


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Tgt Ion:240 Resp: 1248448

Ion	Ratio	Lower	Upper
240	100		
120	12.3	4.1	6.1#
236	28.1	21.1	31.7



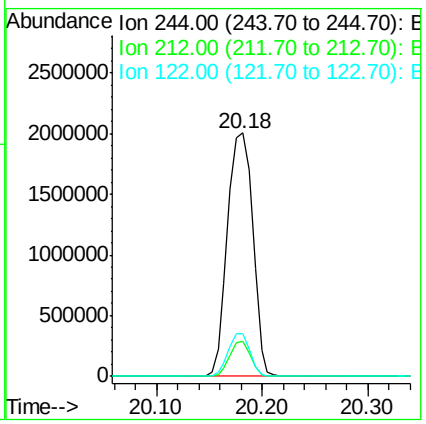


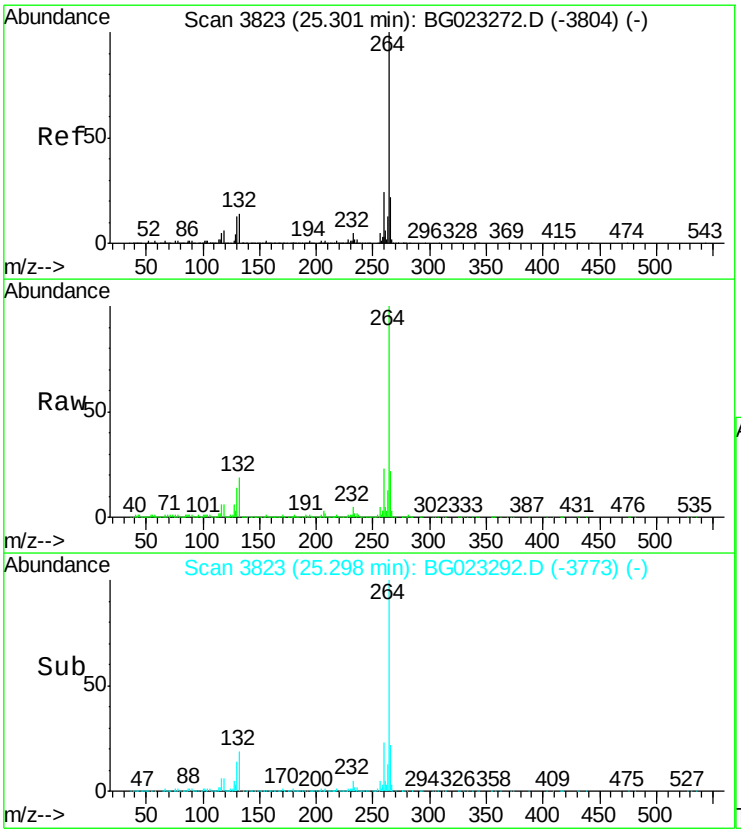
#78
Terphenyl-d14
Concen: 86.68 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Instrument :
BNA_G
ClientSampleId :
GW-21-10.0-15.0

Tgt Ion:244 Resp: 3329091

Ion	Ratio	Lower	Upper
244	100		
212	14.6	10.8	16.2
122	17.6	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BG023292.D
Acq: 27 Jul 2016 21:01

Tgt Ion:264 Resp: 1245268

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.6	18.9	28.3