Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
Data File : BG023343.D
Acq On : 29 Jul 2016 21:10
Operator : UM/SJ
Sample : H4176-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-27-7.8-15.0

Quant Time: Jul 30 01:27:01 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	142003	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	677238	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	464851	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1065416	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1089617	20.00	ng	0.00
86) Perylene-d12	25.29	264	1098539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	657552	79.05	ng	0.00
7) Phenol-d6	7.29	99	697340	54.61	ng	0.00
23) Nitrobenzene-d5	9.31	82	1165575	84.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	792702	164.76	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2410065	97.04	ng	0.00
78) Terphenyl-d14	20.18	244	2982003	88.96	ng	0.00
Target Compounds						Qvalue

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

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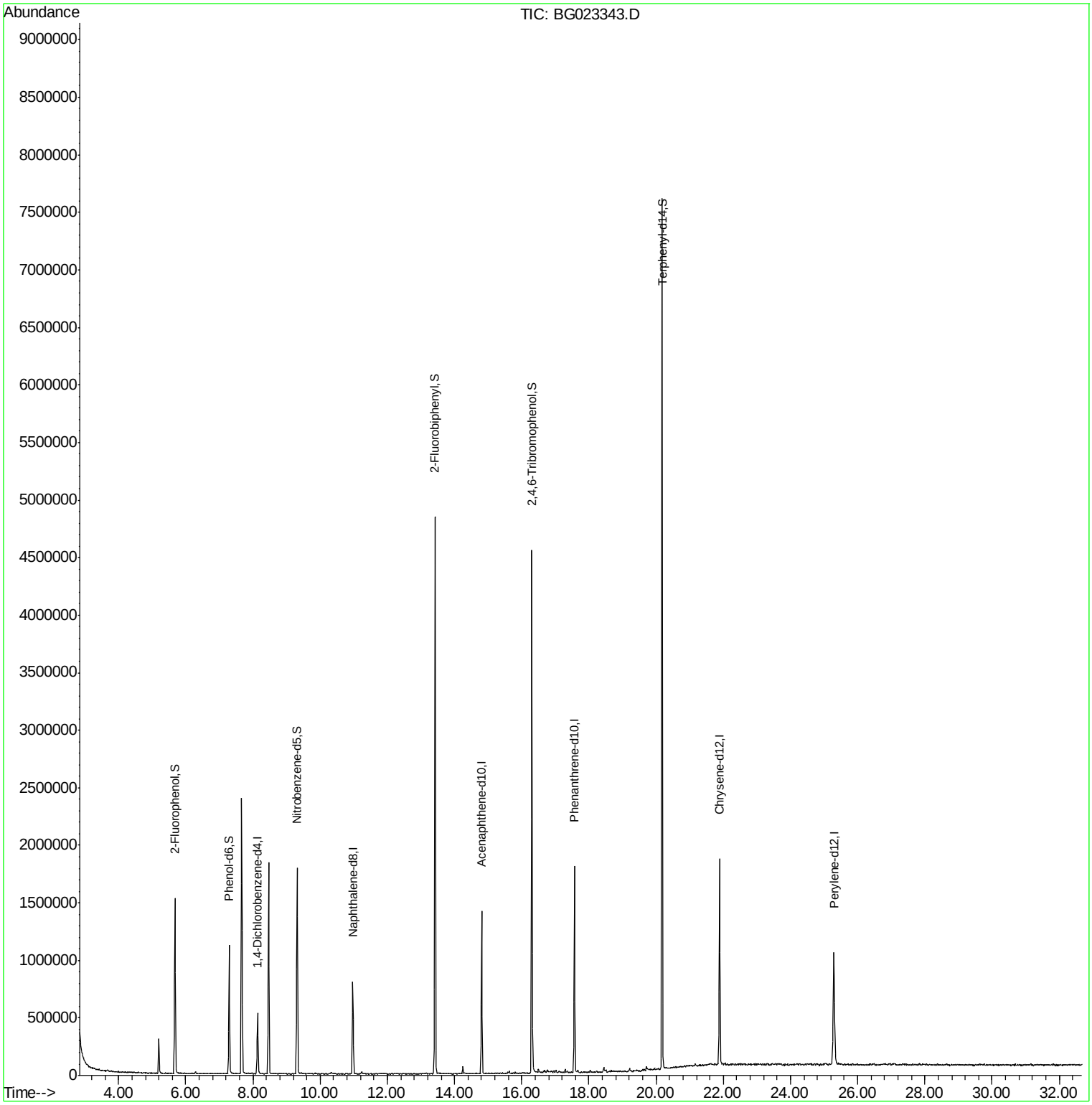
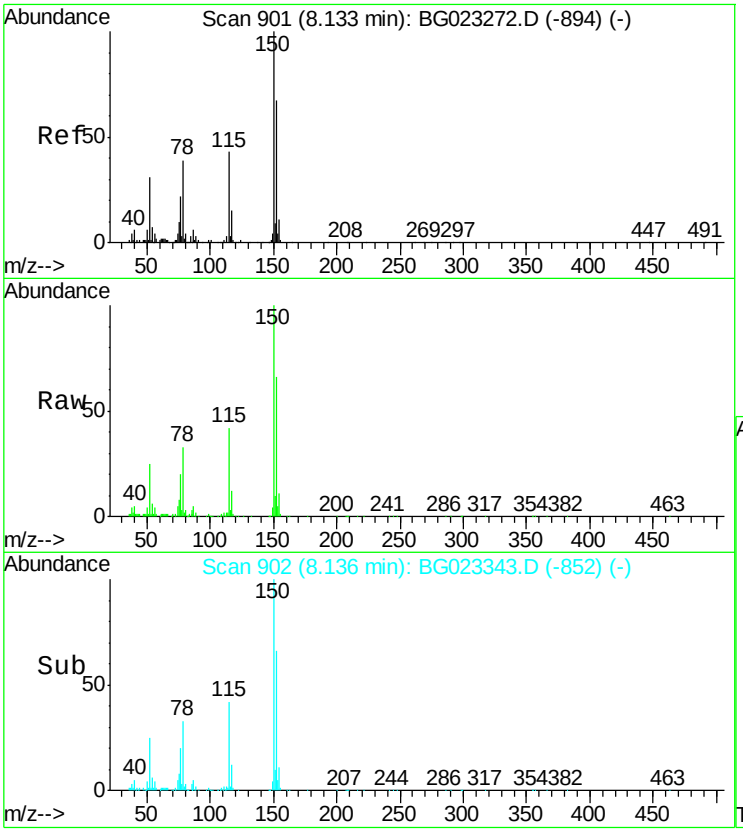


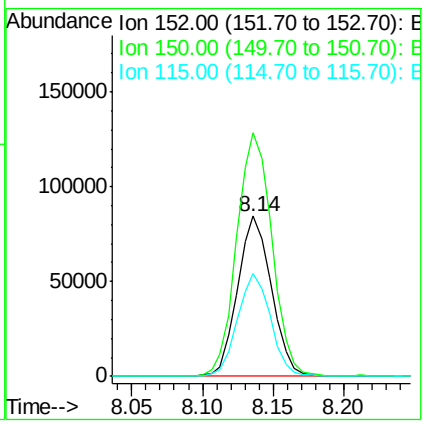


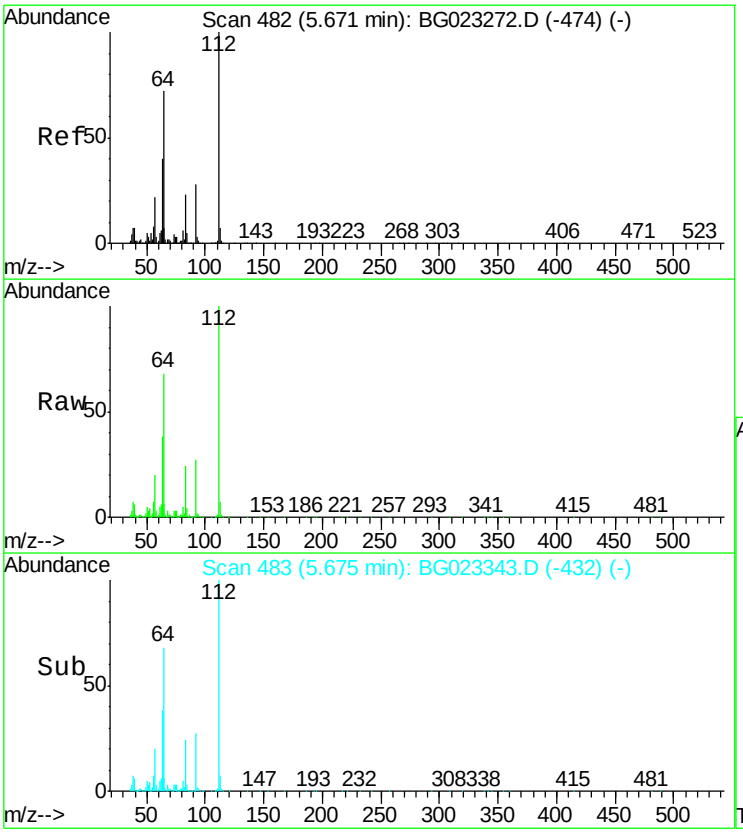
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Instrument :
BNA_G
ClientSampleId :
GW-27-7.8-15.0

Tgt Ion:152 Resp: 142003

Ion	Ratio	Lower	Upper
152	100		
150	151.9	144.7	217.1
115	64.3	64.0	96.0

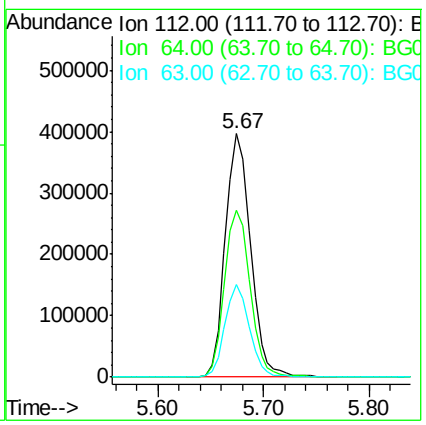


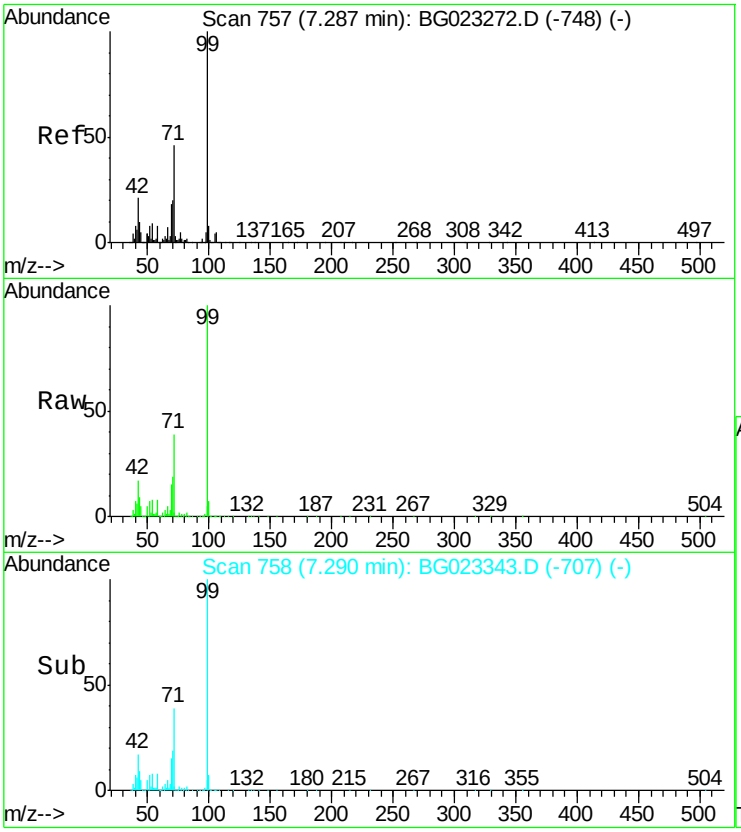


#5
2-Fluorophenol
Concen: 79.05 ng
RT: 5.67 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Tgt Ion:112 Resp: 657552

Ion	Ratio	Lower	Upper
112	100		
64	68.3	59.0	88.4
63	37.8	37.8	56.8#



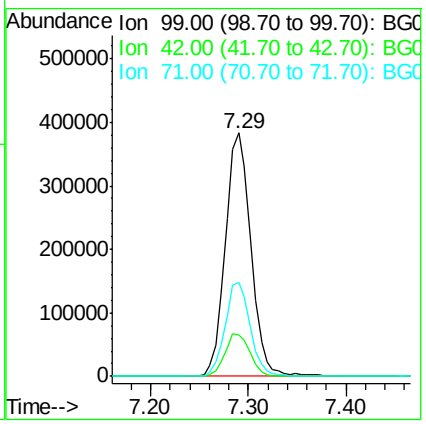


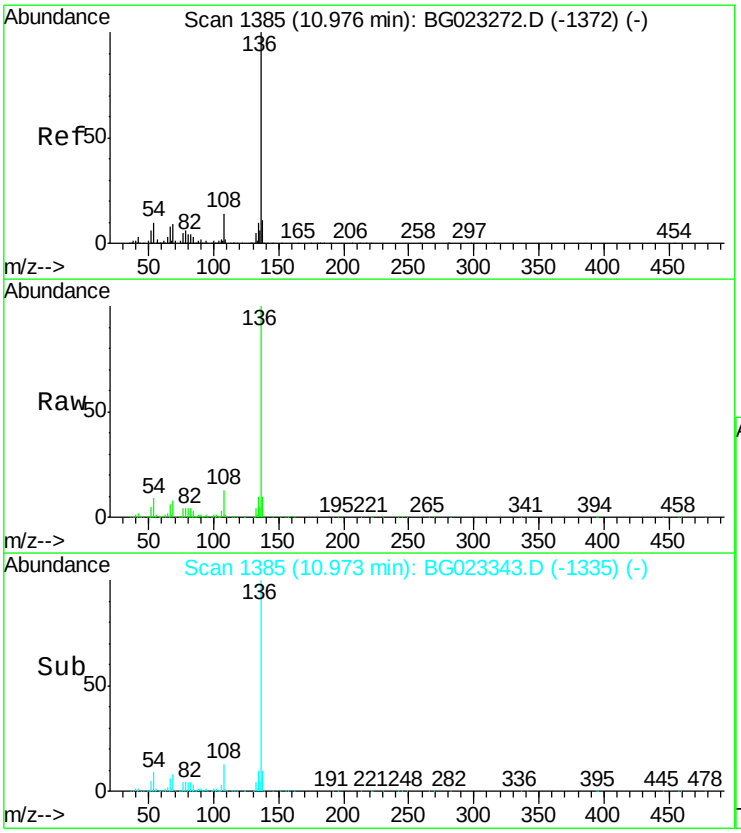
#7
Phenol-d6
Concen: 54.61 ng
RT: 7.29 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Instrument :
BNA_G
ClientSampleId :
GW-27-7.8-15.0

Tgt Ion: 99 Resp: 697340

Ion	Ratio	Lower	Upper
99	100		
42	17.1	17.8	26.6#
71	38.6	41.5	62.3#

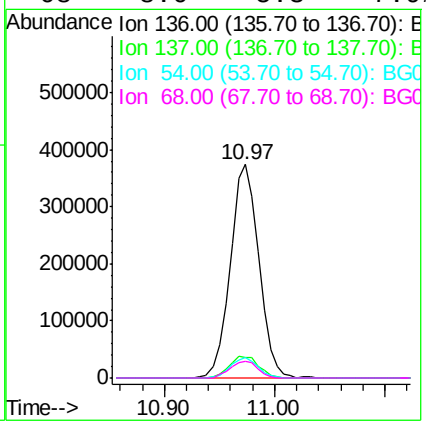


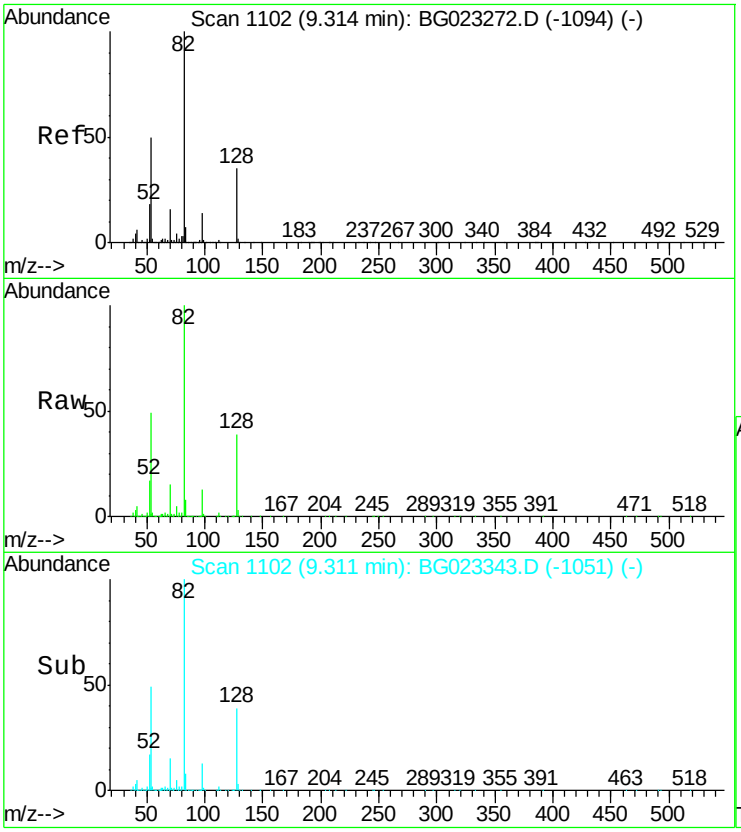


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Tgt Ion:136 Resp: 677238

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	9.4	7.3	10.9
68	8.0	5.3	7.9#



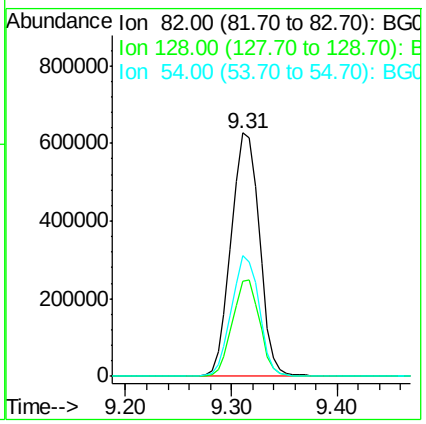


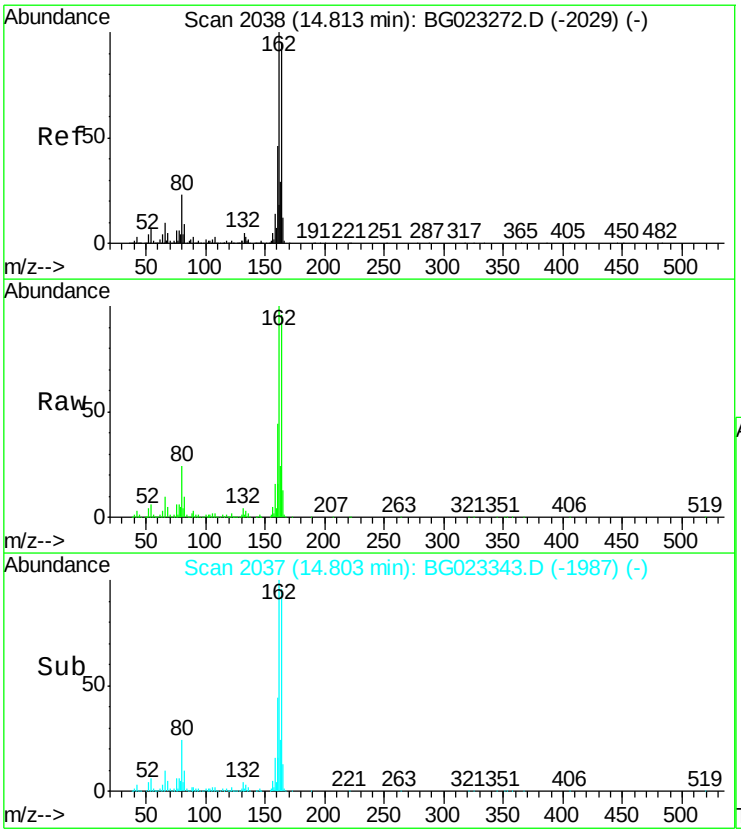
#23
Nitrobenzene-d5
Concen: 84.16 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Instrument :
BNA_G
ClientSampleId :
GW-27-7.8-15.0

Tgt Ion: 82 Resp: 1165575

Ion	Ratio	Lower	Upper
82	100		
128	39.1	24.4	36.6#
54	49.4	41.4	62.0

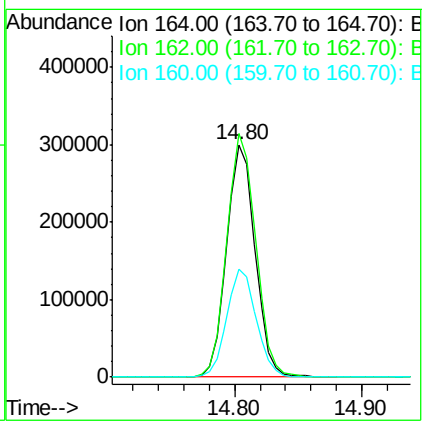


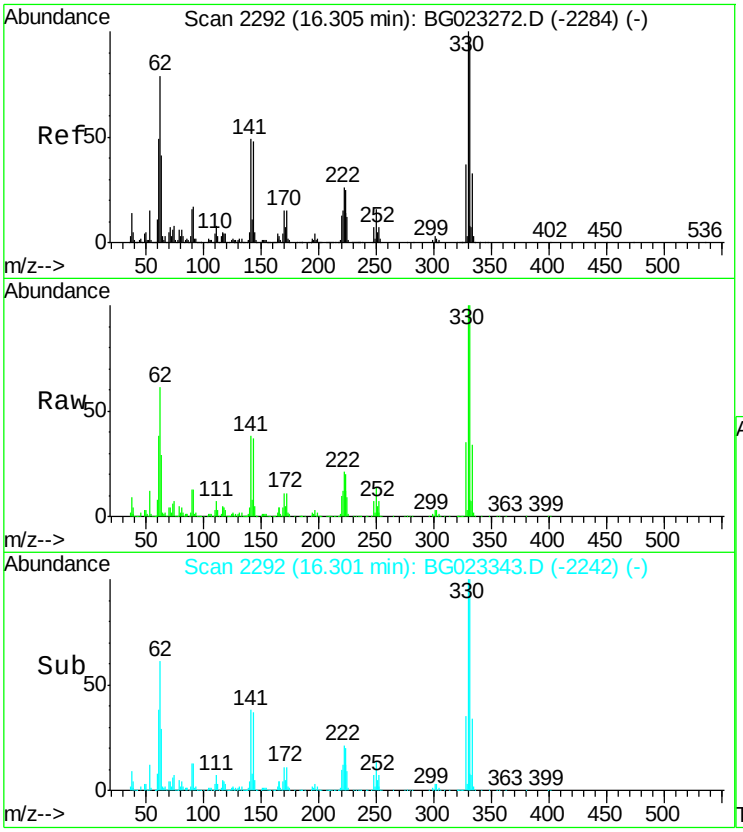


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Tgt Ion:164 Resp: 464851

Ion	Ratio	Lower	Upper
164	100		
162	104.7	87.7	131.5
160	46.2	37.2	55.8



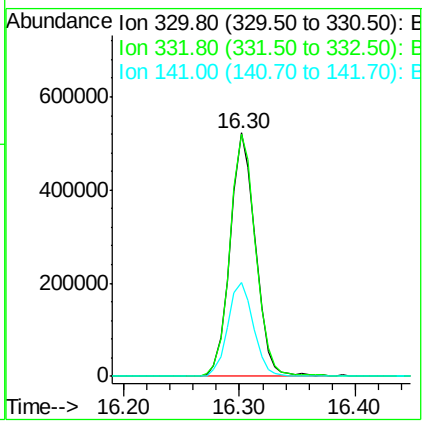


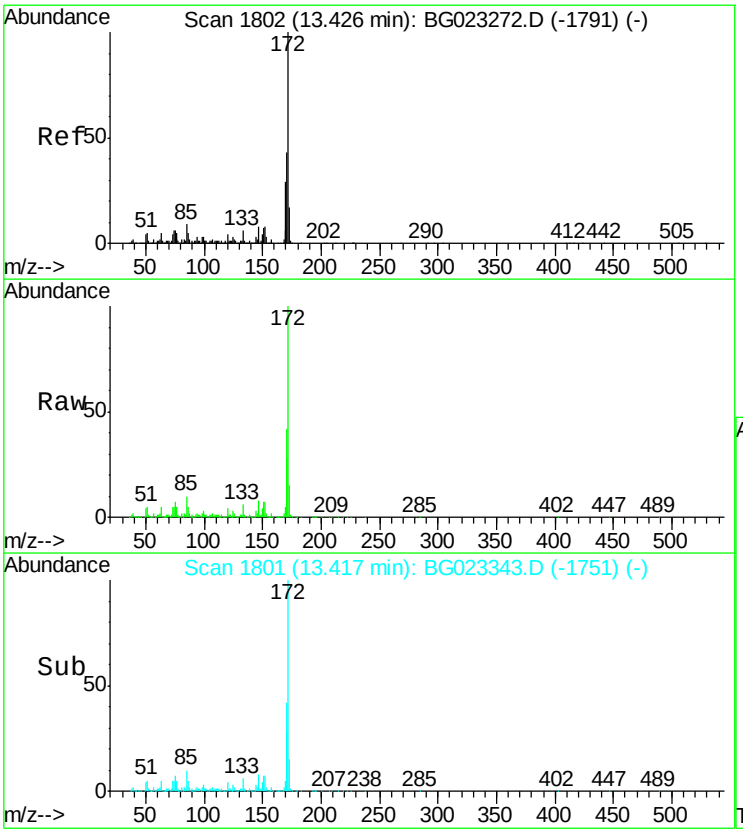
#41
2,4,6-Tribromophenol
Concen: 164.76 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Instrument :
BNA_G
ClientSampleId :
GW-27-7.8-15.0

Tgt Ion:330 Resp: 792702

Ion	Ratio	Lower	Upper
330	100		
332	100.8	77.4	116.2
141	38.9	31.7	47.5

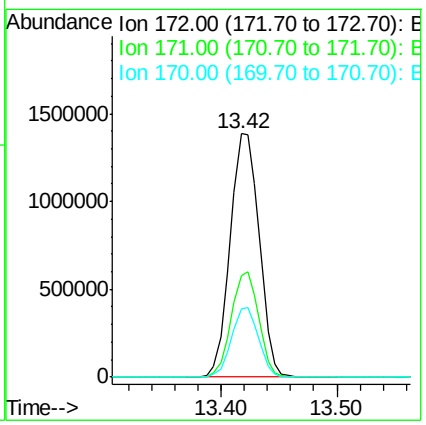


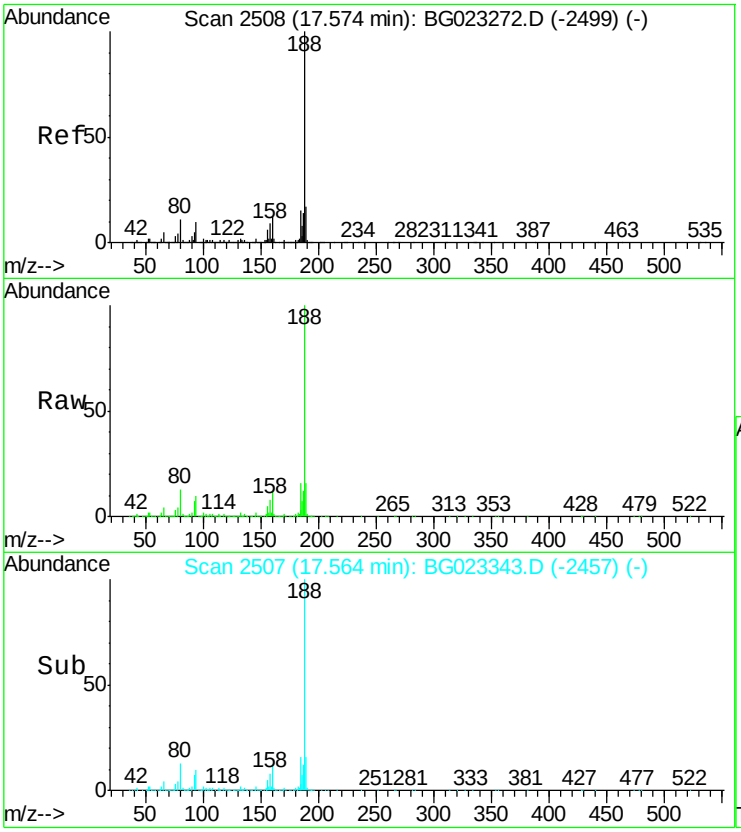


#44
2-Fluorobiphenyl
Concen: 97.04 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Tgt Ion:172 Resp: 2410065

Ion	Ratio	Lower	Upper
172	100		
171	41.6	31.6	47.4
170	28.2	21.3	31.9



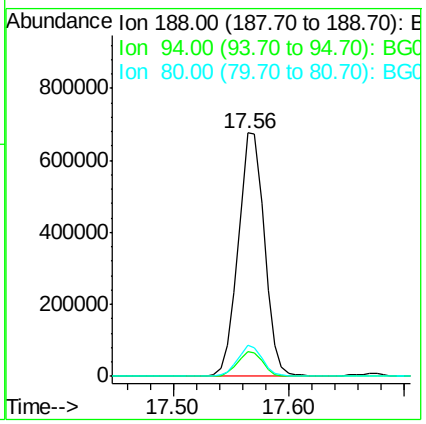


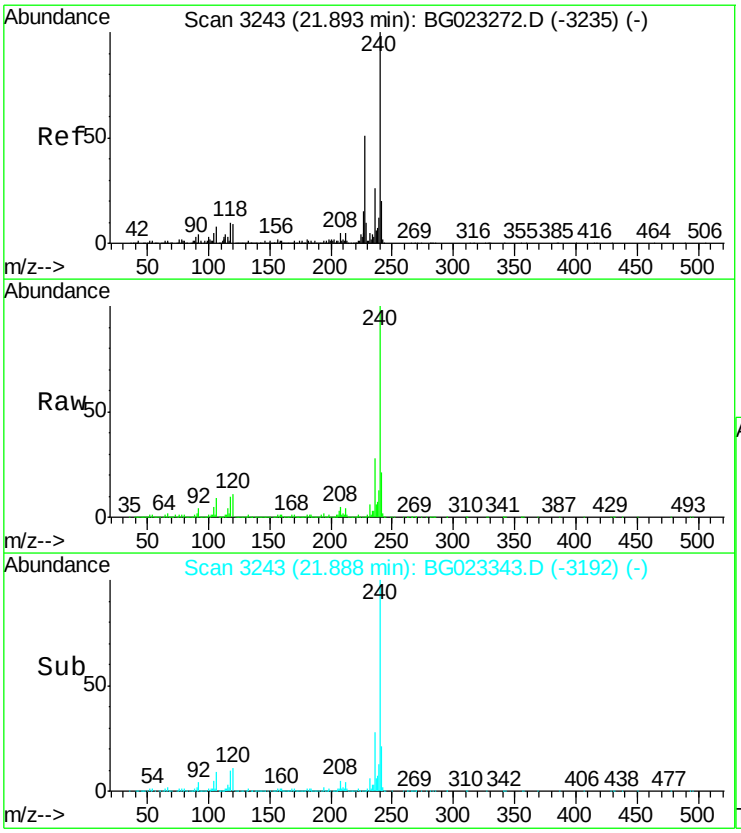
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Instrument :
BNA_G
ClientSampleId :
GW-27-7.8-15.0

Tgt Ion:188 Resp: 1065416

Ion	Ratio	Lower	Upper
188	100		
94	10.1	5.2	7.8#
80	12.9	7.2	10.8#

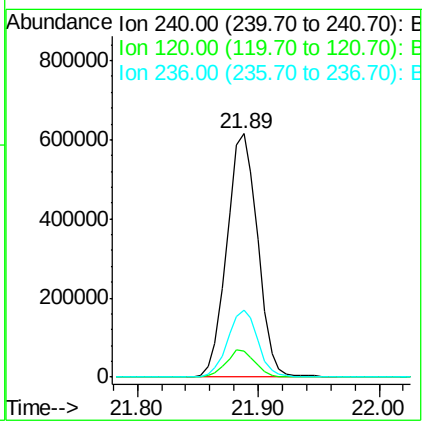


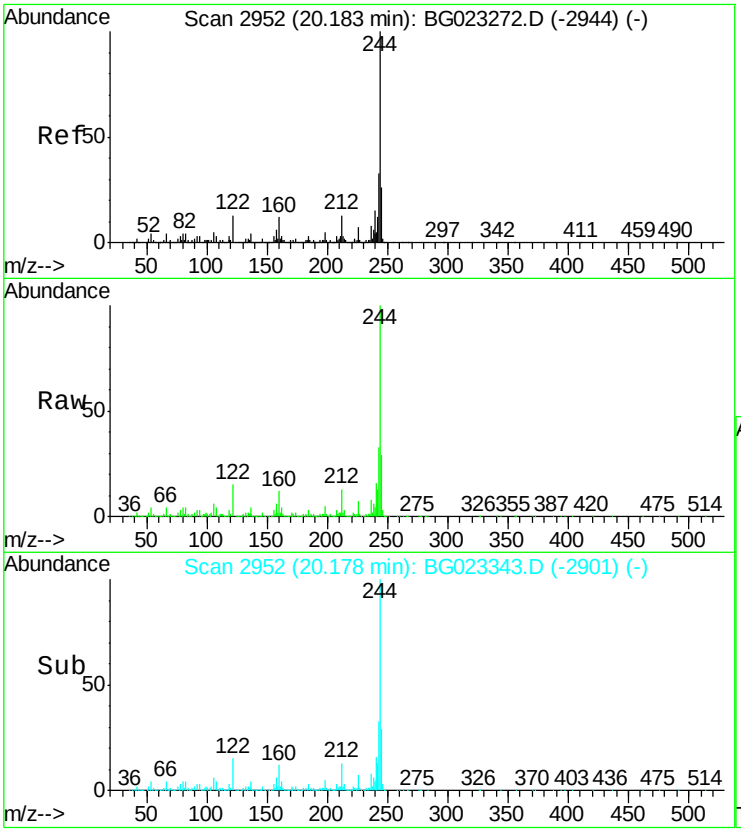


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Tgt Ion:240 Resp: 1089617

Ion	Ratio	Lower	Upper
240	100		
120	10.7	4.1	6.1#
236	27.6	21.1	31.7



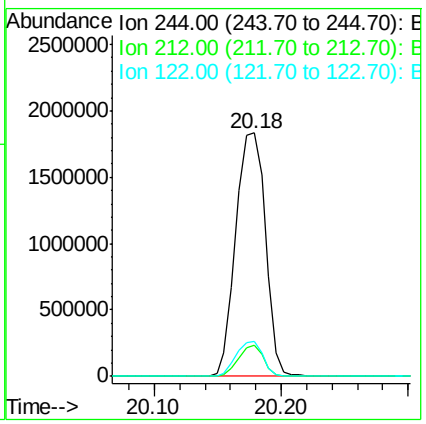


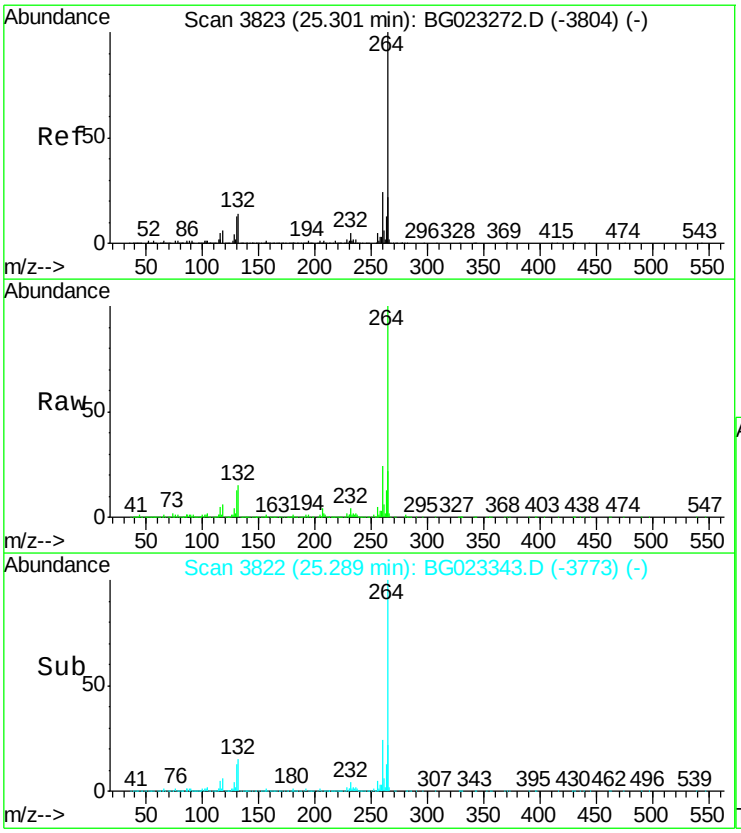
#78
Terphenyl-d14
Concen: 88.96 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023343.D
Acq: 29 Jul 2016 21:10

Instrument :
BNA_G
ClientSampleId :
GW-27-7.8-15.0

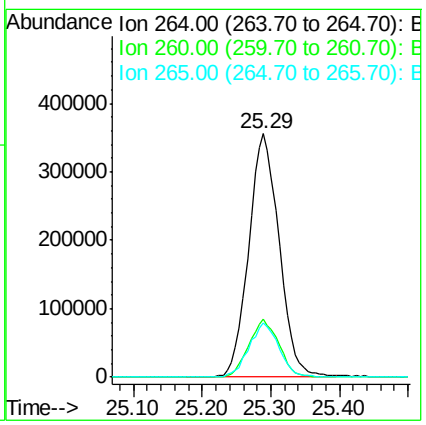
Tgt Ion:244 Resp: 2982003

Ion	Ratio	Lower	Upper
244	100		
212	13.0	10.8	16.2
122	14.5	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: BG023343.D
Acq: 29 Jul 2016 21:10

Tgt Ion:264 Resp: 1098539

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	22.2	18.9	28.3