Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
Data File : BG023234.D
Acq On : 23 Jul 2016 3:29
Operator : UM/SJ
Sample : H4131-29
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-16

Quant Time: Jul 23 04:38:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	97193	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	431973	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	302894	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	792479	20.00	ng	0.02
75) Chrysene-d12	21.89	240	851146	20.00	ng	0.01
86) Perylene-d12	25.30	264	817128	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	875895	147.39	ng	0.00
7) Phenol-d6	7.29	99	1226644	131.79	ng	0.00
23) Nitrobenzene-d5	9.32	82	986875	97.82	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	589670	108.32	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1726052	89.76	ng	0.01
78) Terphenyl-d14	20.18	244	2793265	124.75	ng	0.02
Target Compounds						Qvalue
6) Aniline	7.46	93	28055	2.17	ng	# 94

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

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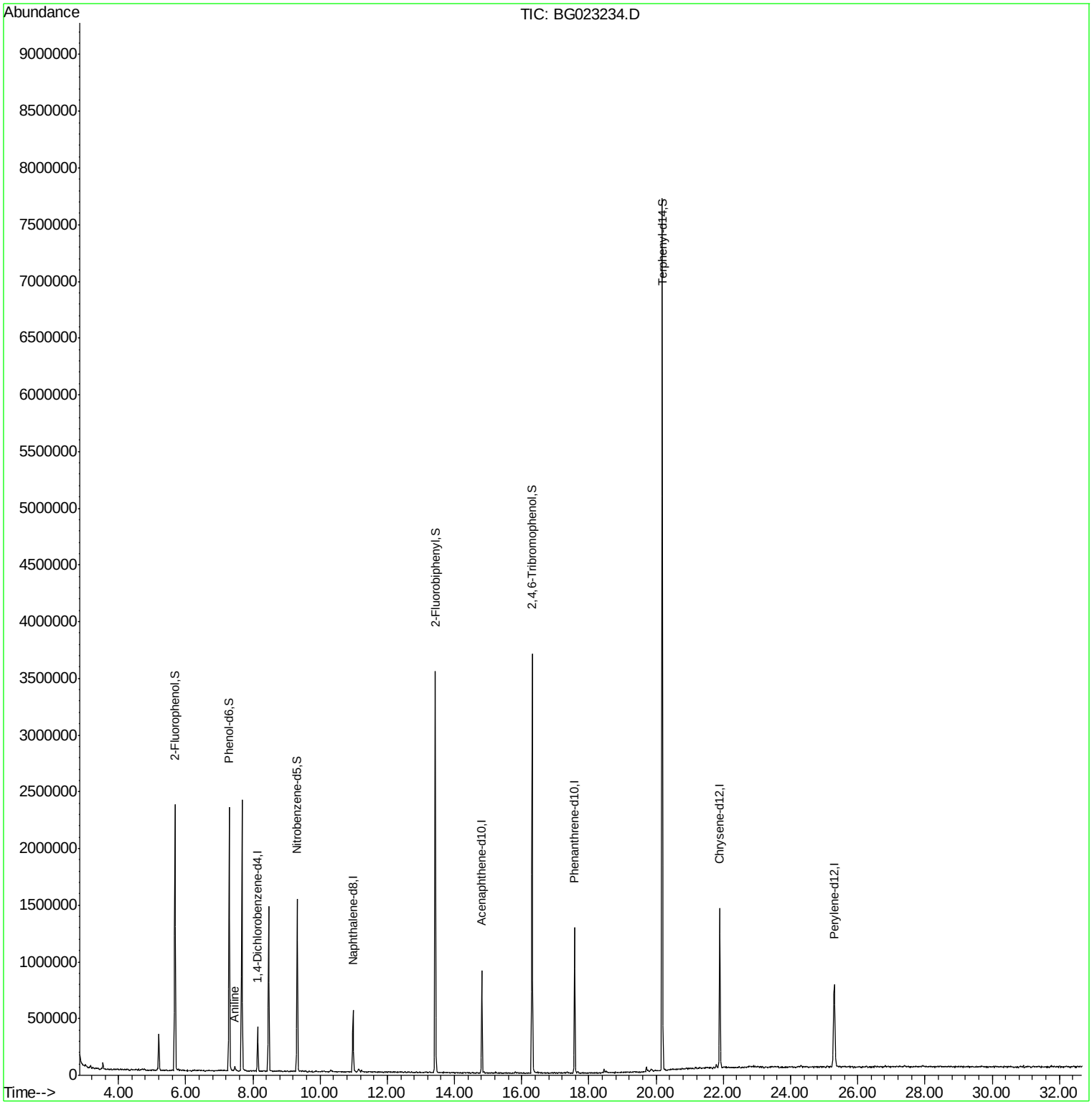
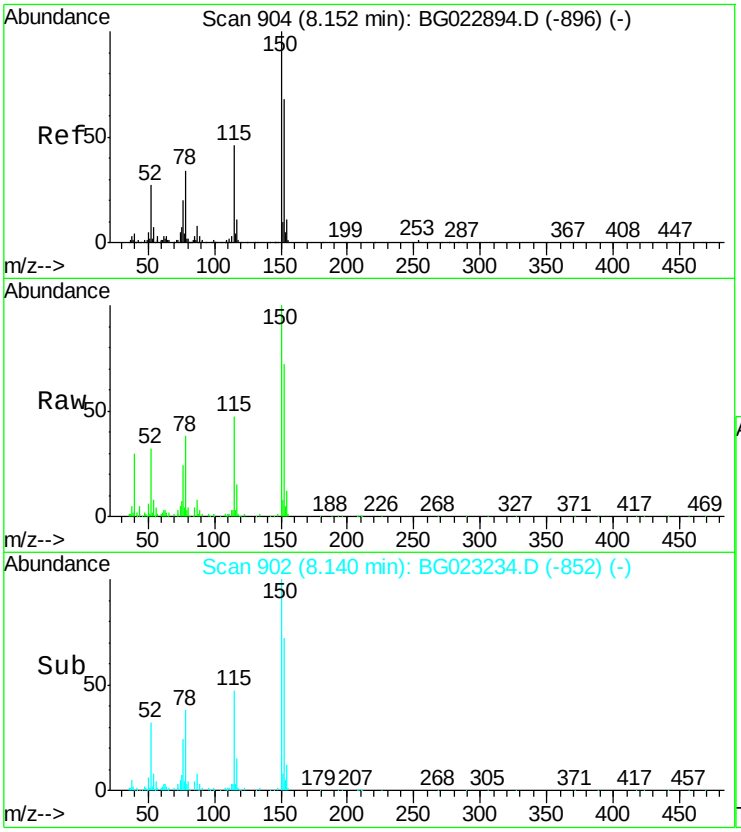


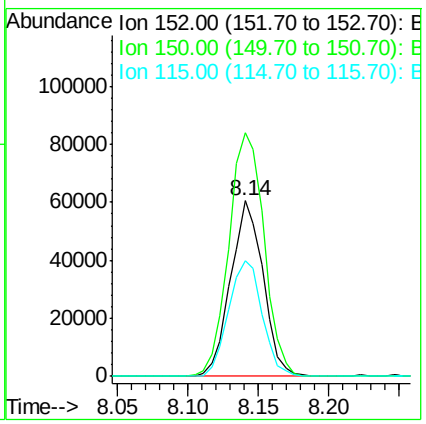


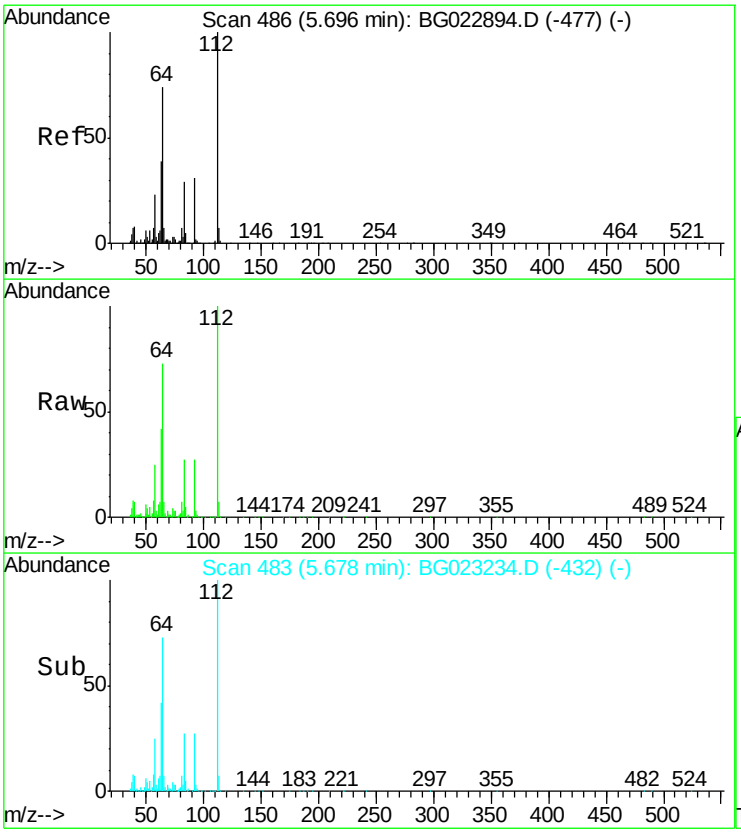
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Instrument :
BNA_G
ClientSampleId :
D-16

Tgt Ion:152 Resp: 97193

Ion	Ratio	Lower	Upper
152	100		
150	138.6	144.7	217.1#
115	65.8	64.0	96.0

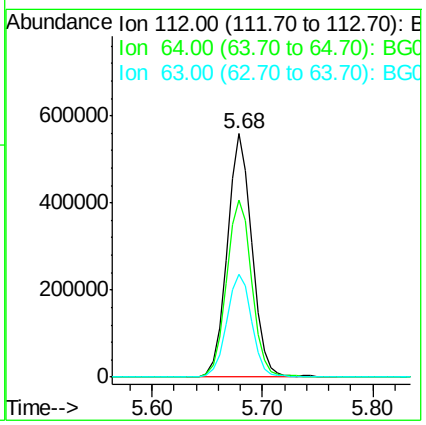


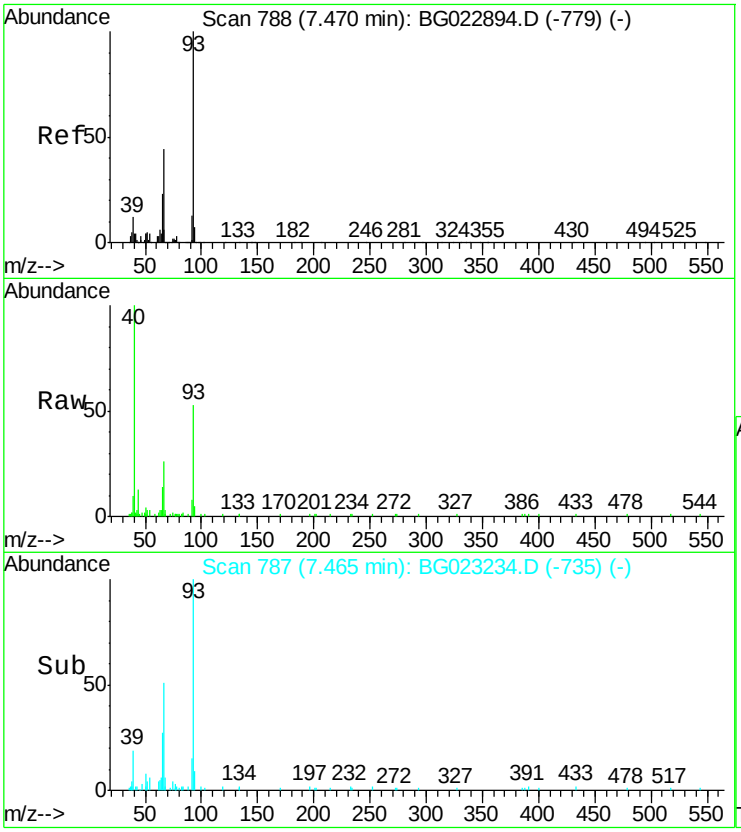


#5
2-Fluorophenol
Concen: 147.39 ng
RT: 5.68 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Tgt Ion:112 Resp: 875895

Ion	Ratio	Lower	Upper
112	100		
64	72.6	59.0	88.4
63	42.4	37.8	56.8



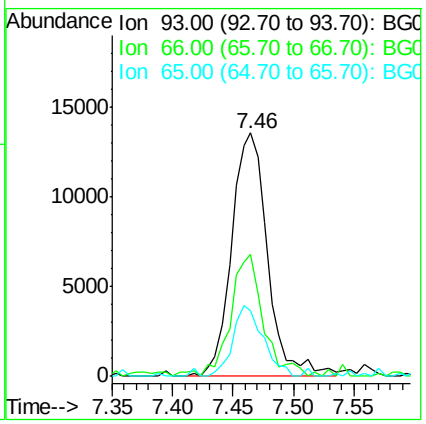


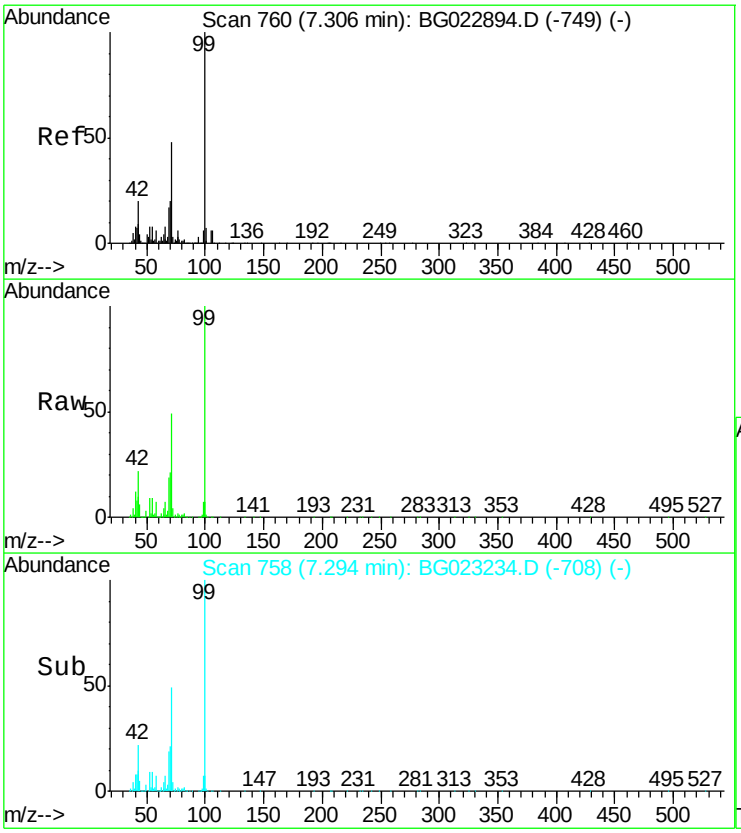
#6
Aniline
Concen: 2.17 ng
RT: 7.46 min Scan# 787
Delta R.T. 0.01 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Instrument :
BNA_G
ClientSampleId :
D-16

Tgt Ion: 93 Resp: 28055

Ion	Ratio	Lower	Upper
93	100		
66	50.1	37.5	56.3
65	27.1	17.9	26.9#

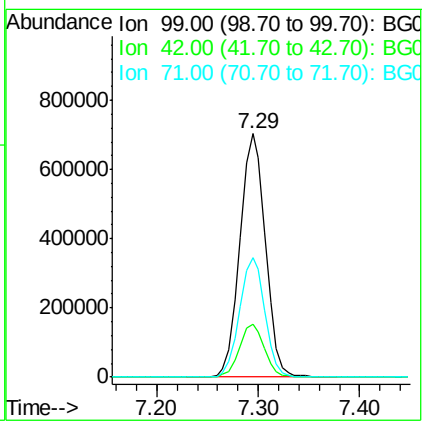


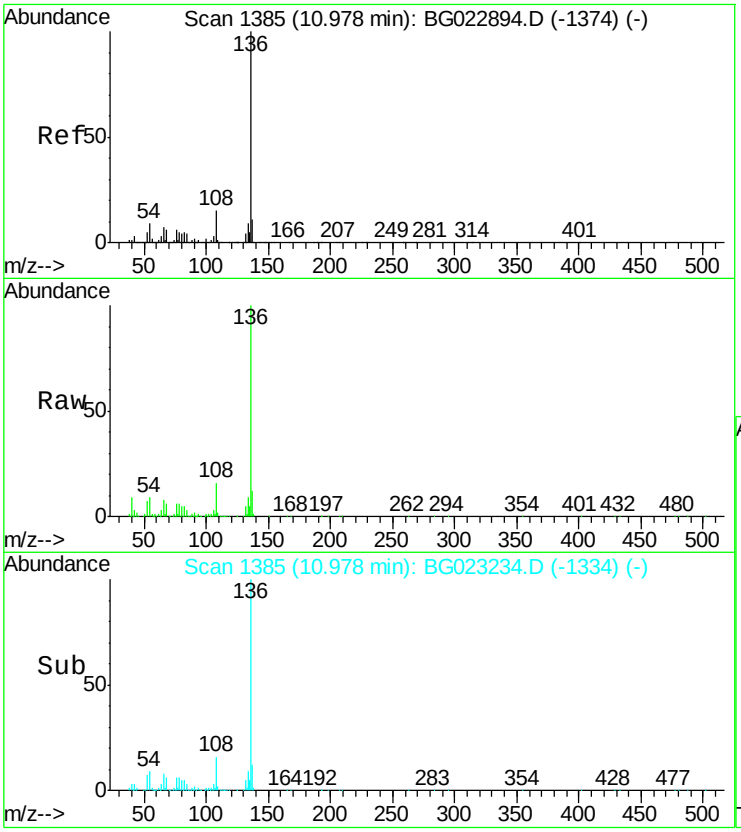


#7
Phenol-d6
Concen: 131.79 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Tgt Ion: 99 Resp: 1226644

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.8	26.6
71	49.1	41.5	62.3



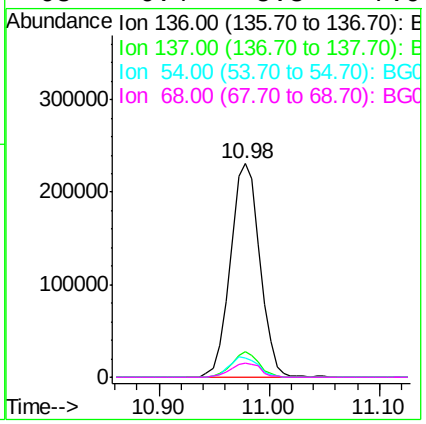


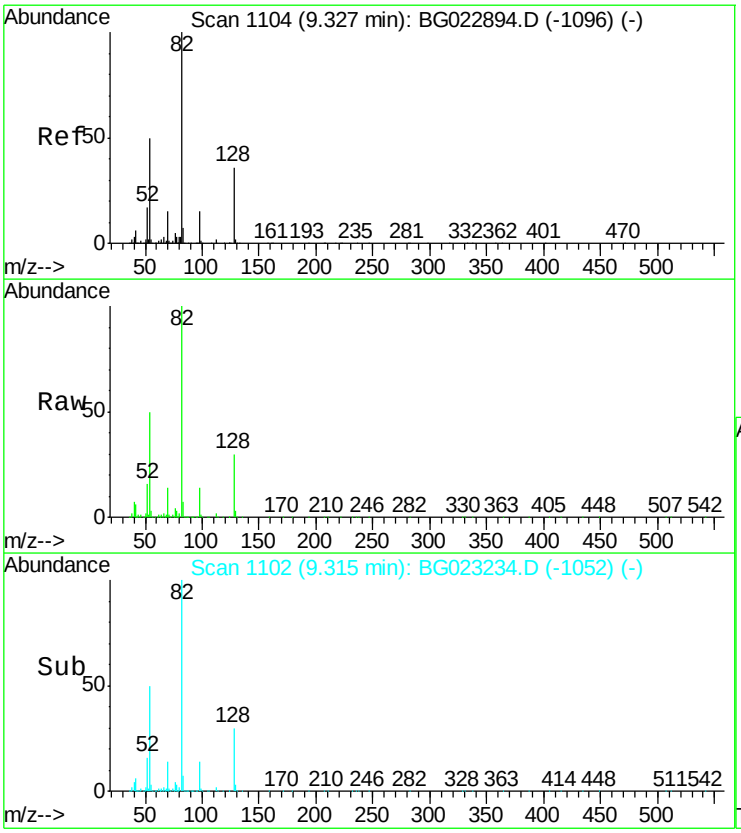
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Instrument : BNA_G
ClientSampleId : D-16

Tgt Ion:136 Resp: 431973

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	9.0	7.3	10.9
68	6.4	5.3	7.9

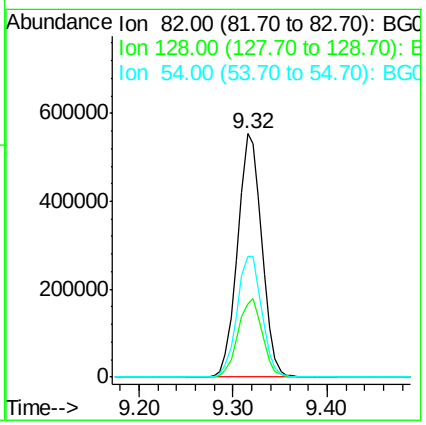


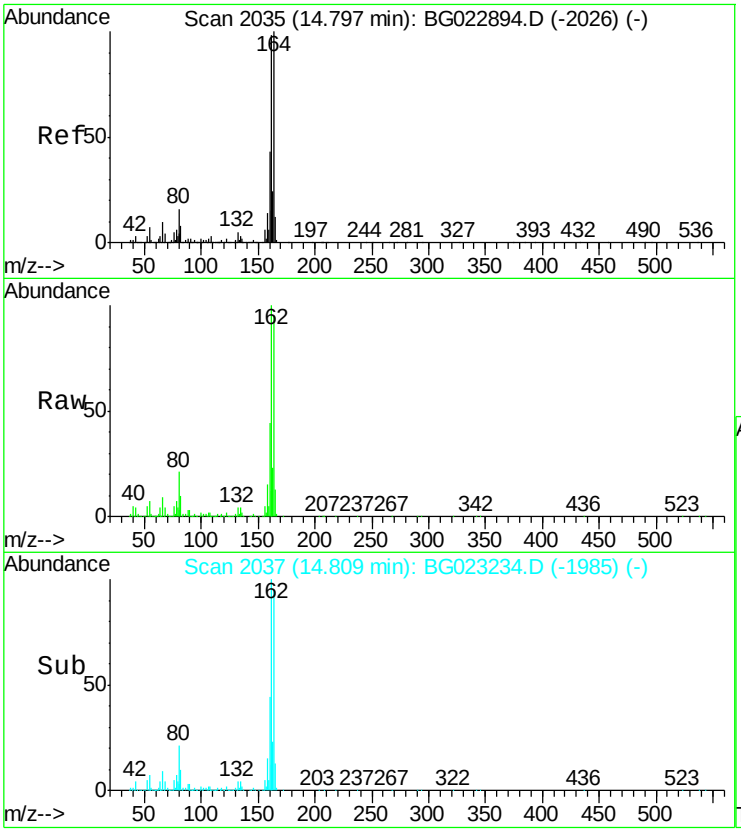


#23
Nitrobenzene-d5
Concen: 97.82 ng
RT: 9.32 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Tgt Ion: 82 Resp: 986875

Ion	Ratio	Lower	Upper
82	100		
128	30.4	24.4	36.6
54	49.5	41.4	62.0



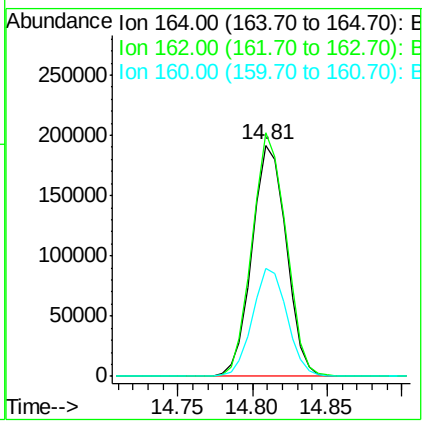


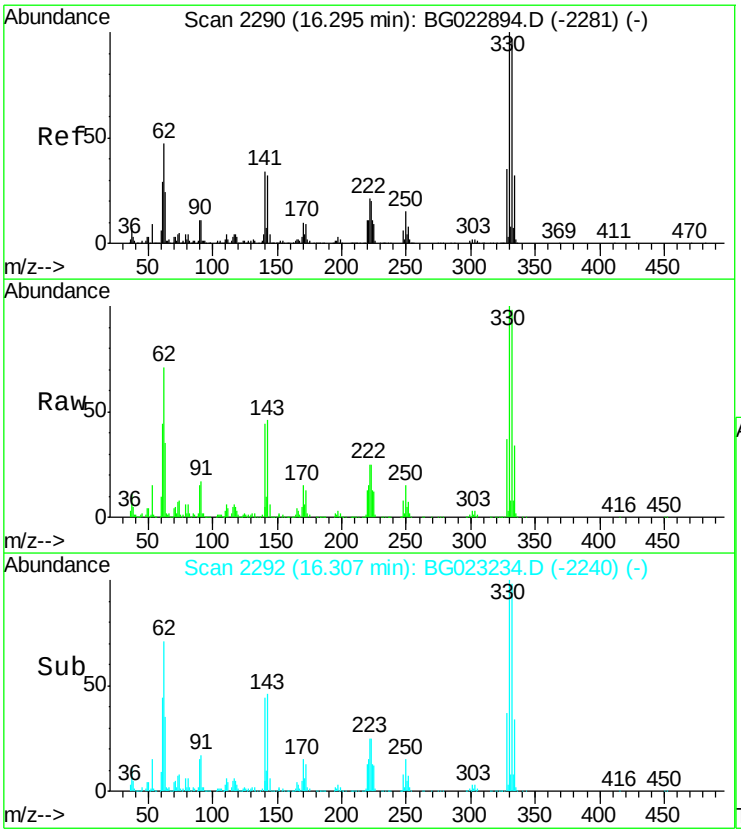
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Instrument :
BNA_G
ClientSampleId :
D-16

Tgt Ion:164 Resp: 302894

Ion	Ratio	Lower	Upper
164	100		
162	105.2	87.7	131.5
160	46.8	37.2	55.8

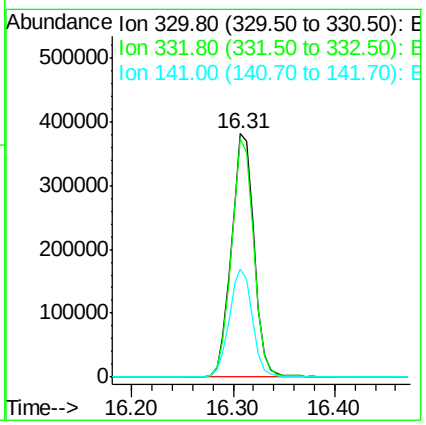


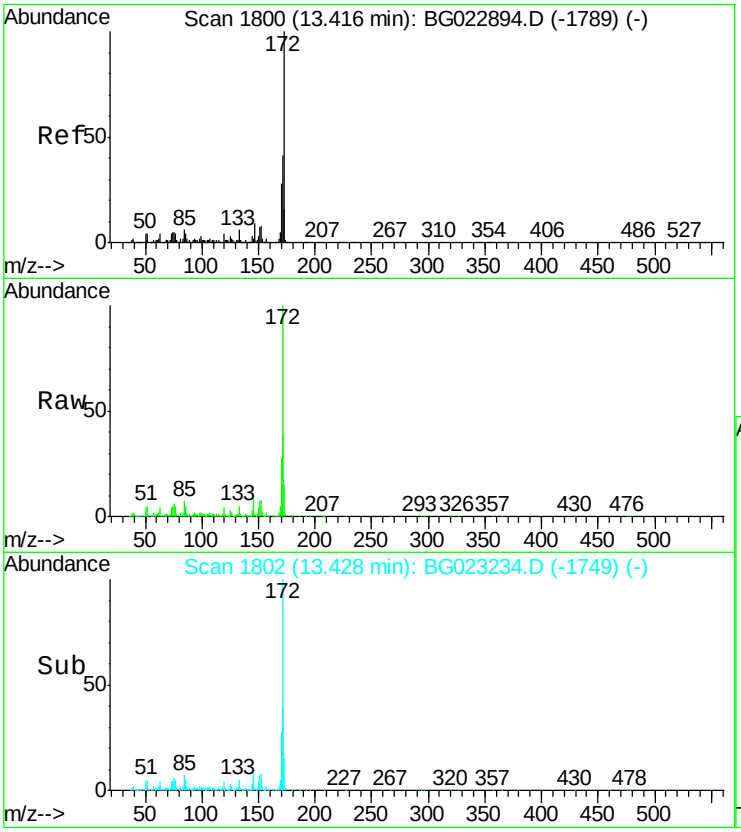


#41
2,4,6-Tribromophenol
Concen: 108.32 ng
RT: 16.31 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Tgt Ion:330 Resp: 589670

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	44.8	31.7	47.5



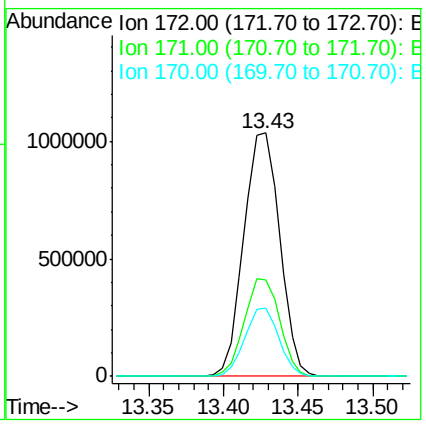


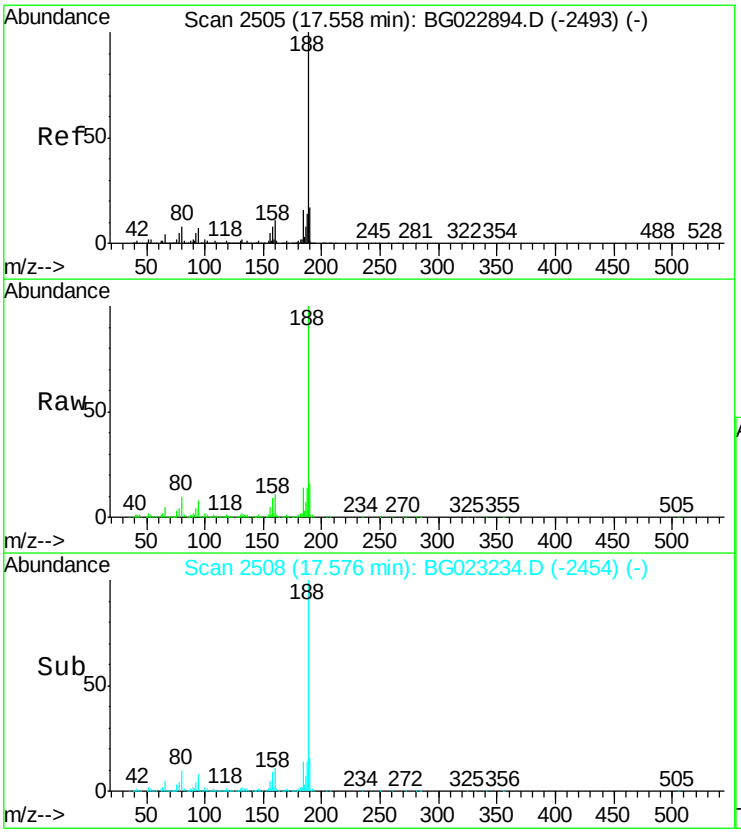
#44
2-Fluorobiphenyl
Concen: 89.76 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Instrument :
BNA_G
ClientSampleId :
D-16

Tgt Ion:172 Resp: 1726052

Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.6	47.4
170	28.1	21.3	31.9

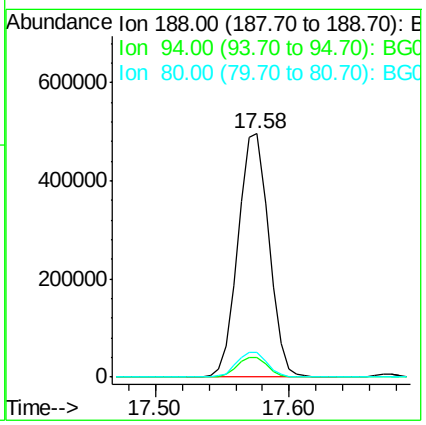


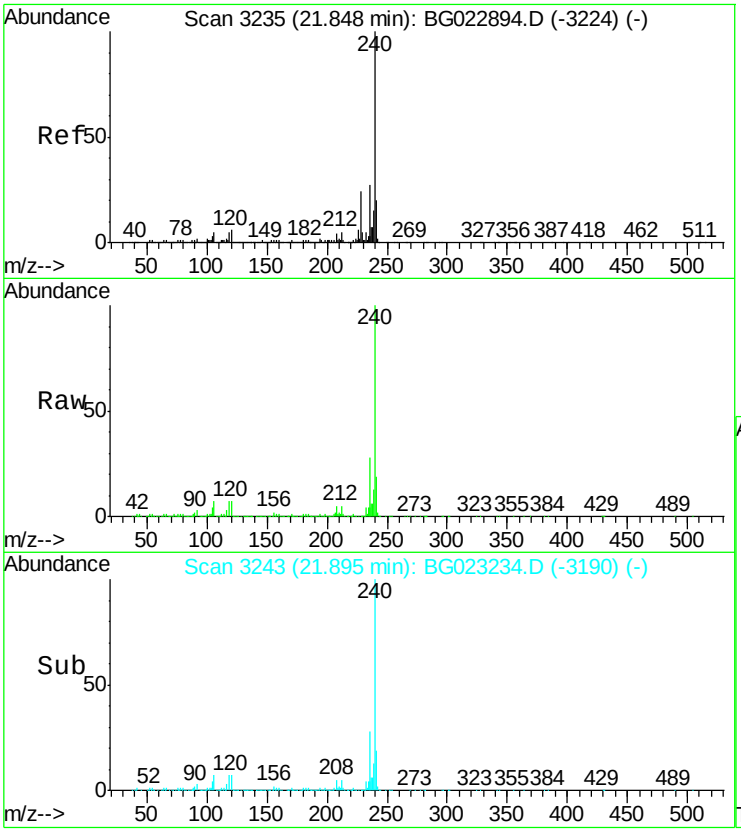


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Tgt Ion:188 Resp: 792479

Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.2	7.8#
80	10.3	7.2	10.8



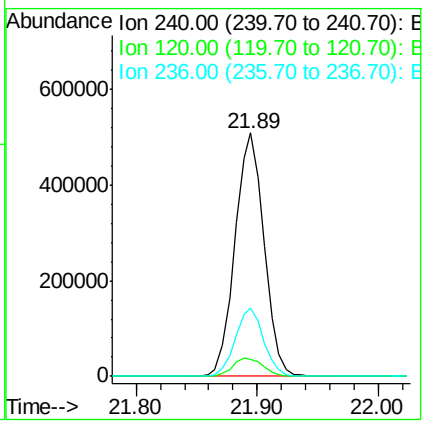


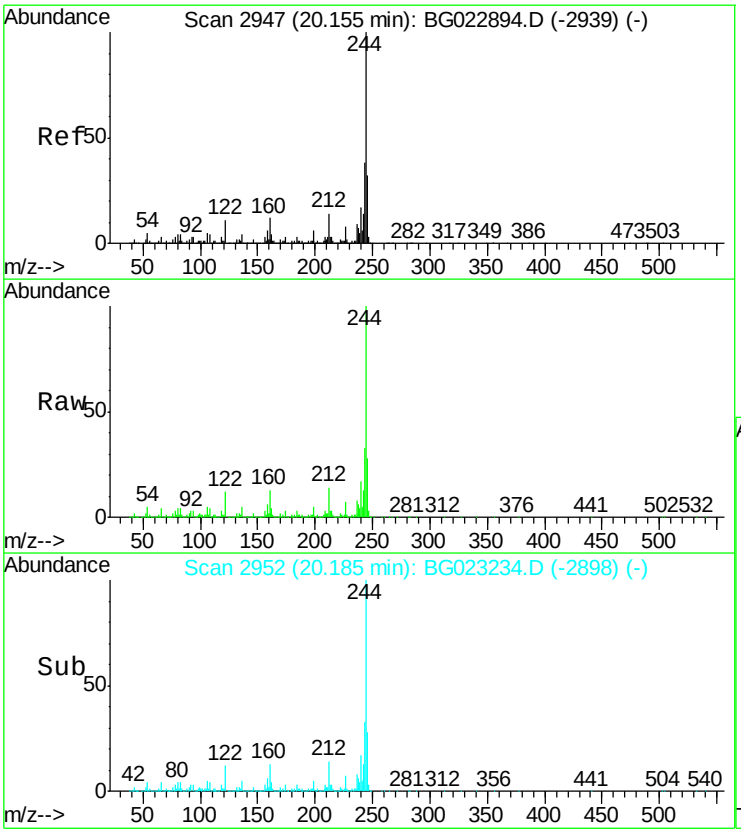
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Instrument :
BNA_G
ClientSampleId :
D-16

Tgt Ion:240 Resp: 851146

Ion	Ratio	Lower	Upper
240	100		
120	7.2	4.1	6.1#
236	27.9	21.1	31.7

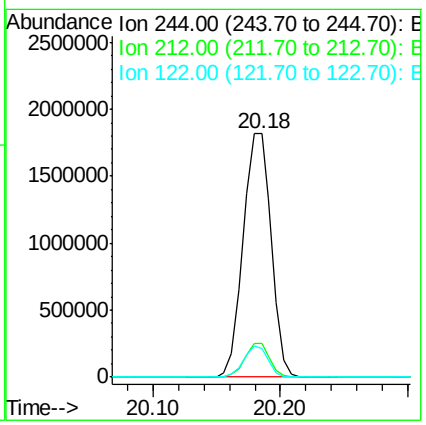


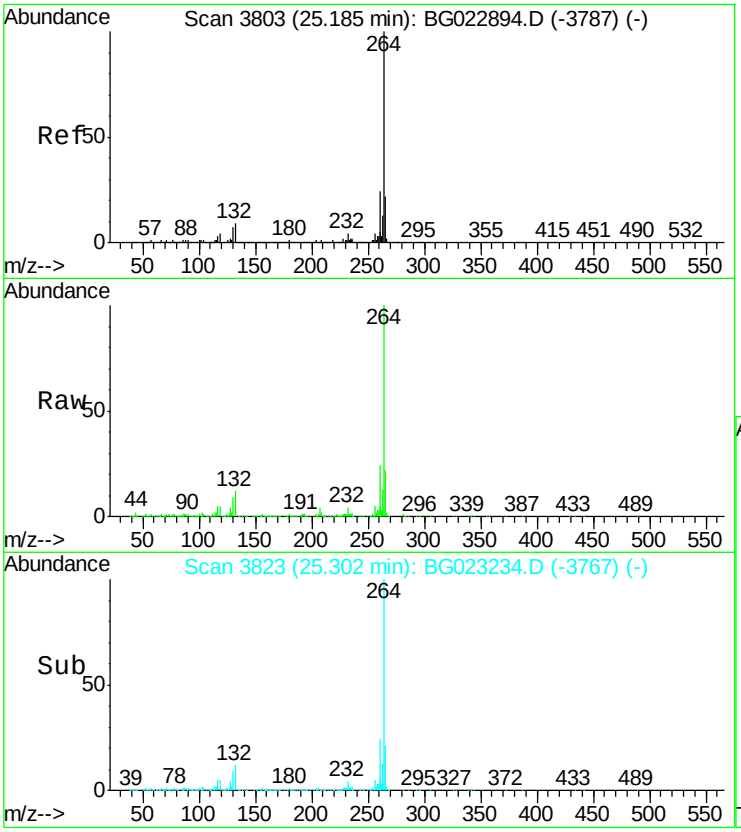


#78
Terphenyl-d14
Concen: 124.75 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.02 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Tgt Ion:244 Resp: 2793265

Ion	Ratio	Lower	Upper
244	100		
212	13.6	10.8	16.2
122	11.8	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. 0.03 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Instrument :
BNA_G
ClientSampleId :
D-16

Tgt Ion:264 Resp: 817128

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	21.5	18.9	28.3