Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023002.D
Acq On : 11 Jul 2016 14:10
Operator : UM/SJ
Sample : H3927-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Time: Jul 12 04:06:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	101592	20.00	ng		0.02
21) Naphthalene-d8	10.99	136	488650	20.00	ng		0.02
38) Acenaphthene-d10	14.80	164	385676	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	893159	20.00	ng		0.00
75) Chrysene-d12	21.86	240	985920	20.00	ng		0.02
86) Perylene-d12	25.25	264	995714	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	97121	15.64	ng		0.01
7) Phenol-d6	7.32	99	96130	9.88	ng		0.01
23) Nitrobenzene-d5	9.34	82	271691	23.81	ng		0.01
41) 2,4,6-Tribromophenol	16.29	330	198867	28.69	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	632001	25.81	ng		0.01
78) Terphenyl-d14	20.16	244	966318	21.18	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.04	128	620564	24.95	ng		99
37) 2-Methylnaphthalene	12.64	142	144704	7.36	ng		94
49) Dimethylphthalate	14.24	163	64976	2.06	ng	#	97

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

Quantitation Report (QT Reviewed)

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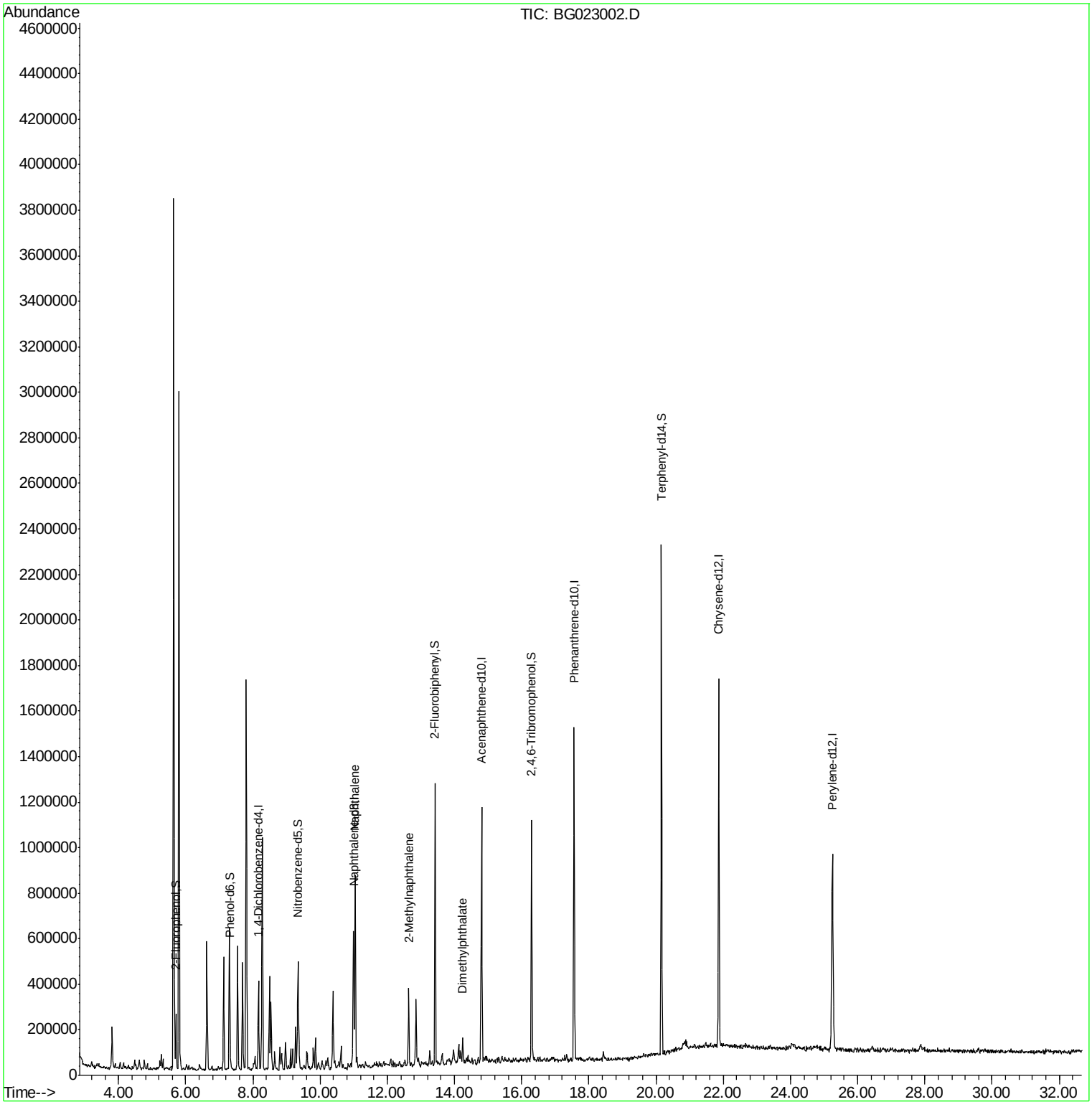
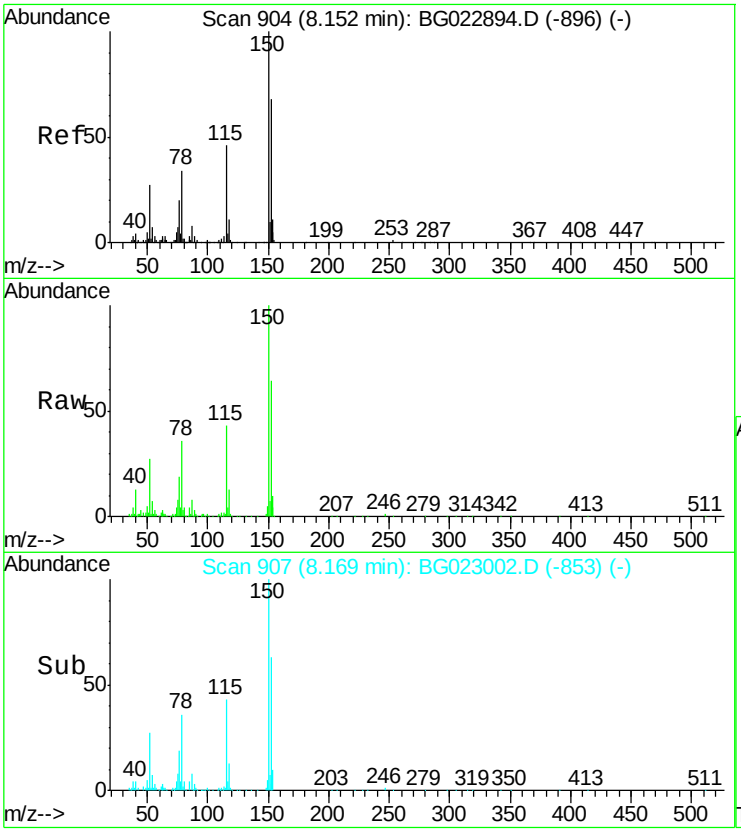


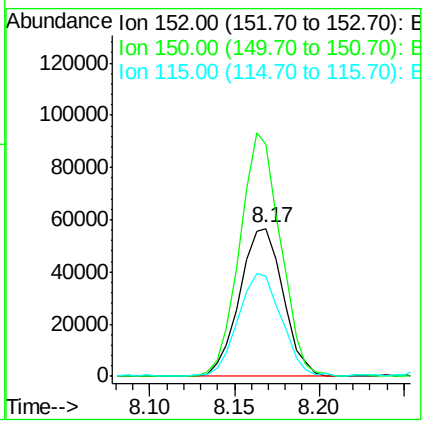


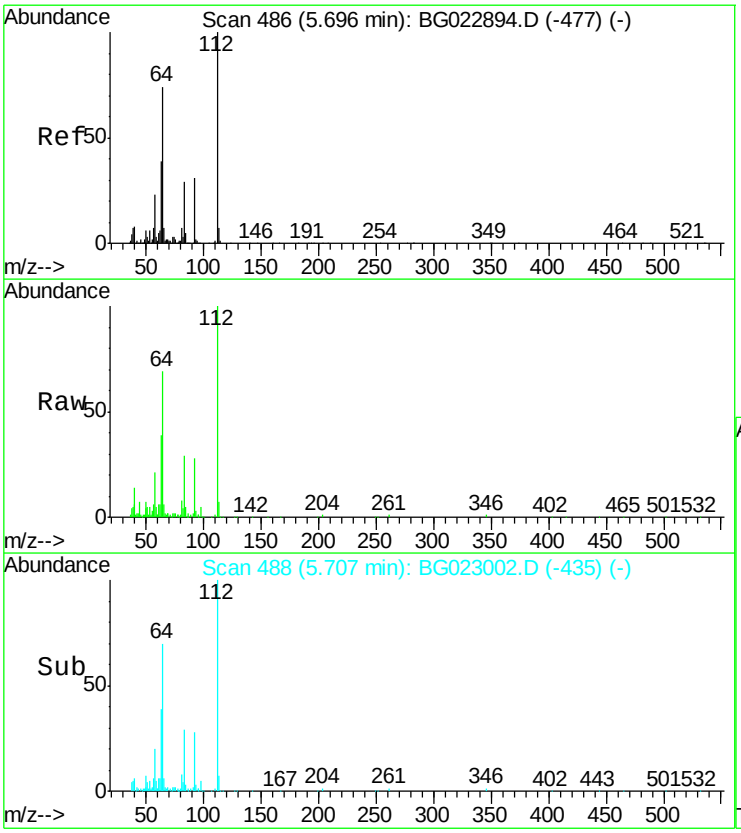
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. 0.02 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:152 Resp: 101592

Ion	Ratio	Lower	Upper
152	100		
150	157.1	144.7	217.1
115	68.0	64.0	96.0

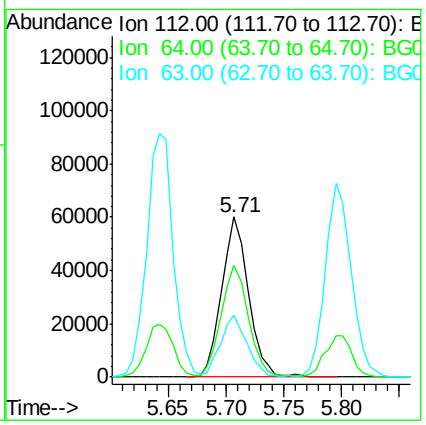


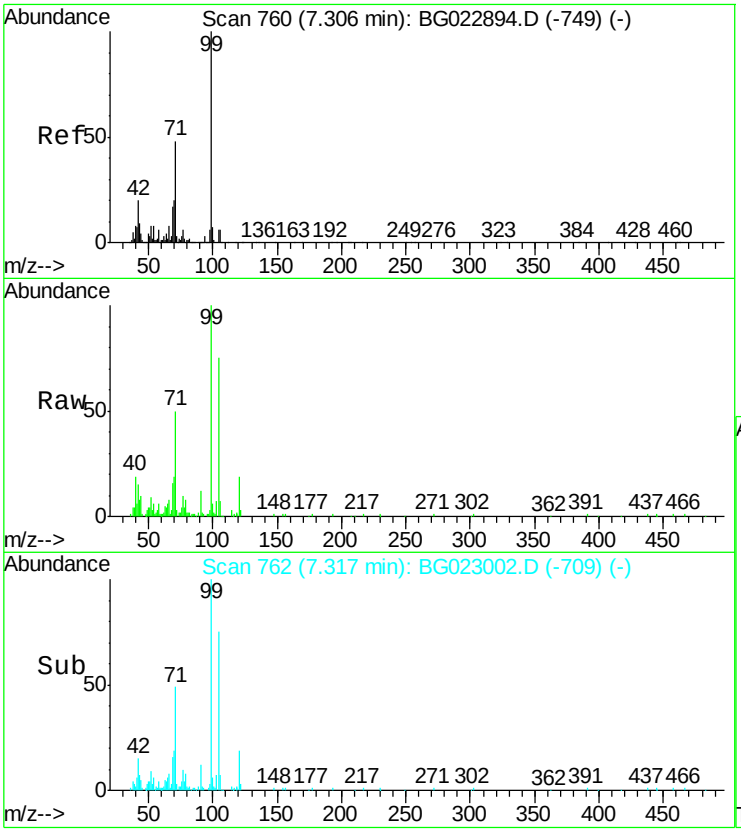


#5
2-Fluorophenol
Concen: 15.64 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.01 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:112 Resp: 97121

Ion	Ratio	Lower	Upper
112	100		
64	69.5	59.0	88.4
63	38.6	37.8	56.8



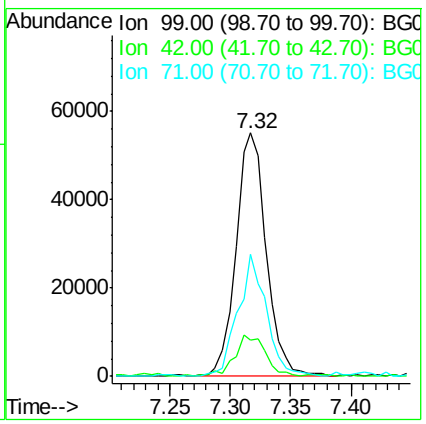


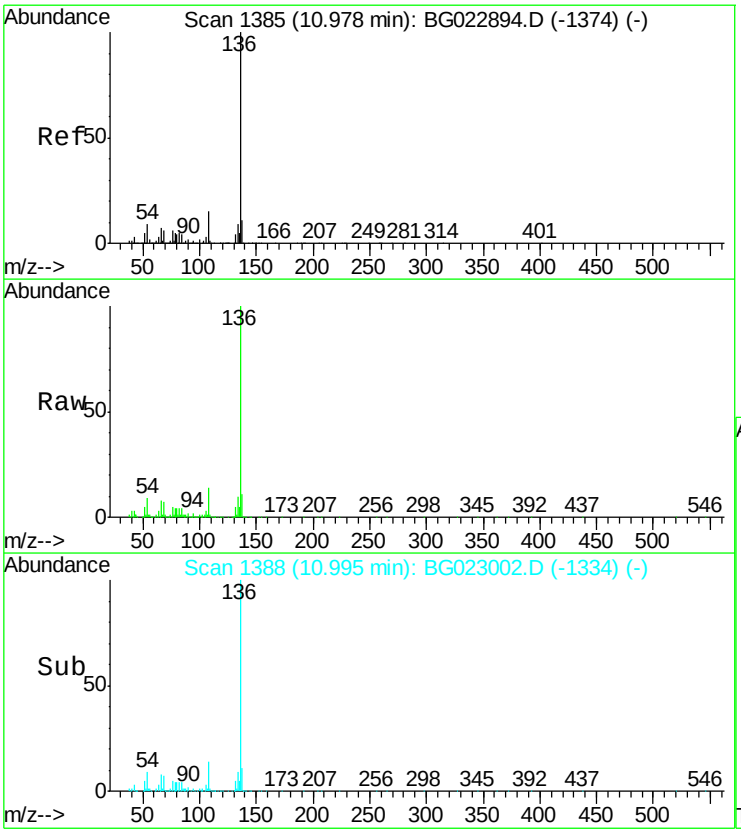
#7
Phenol-d6
Concen: 9.88 ng
RT: 7.32 min Scan# 762
Delta R.T. 0.01 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion: 99 Resp: 96130

Ion	Ratio	Lower	Upper
99	100		
42	14.7	17.8	26.6#
71	50.1	41.5	62.3

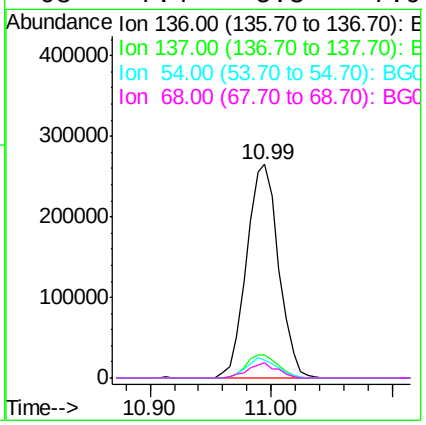


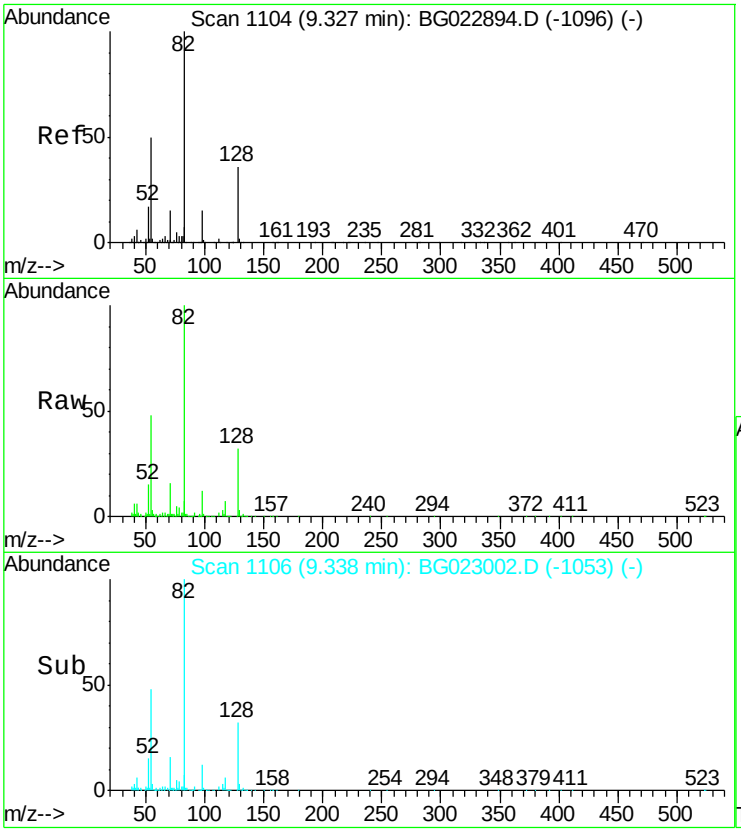


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.02 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:136 Resp: 488650

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.7	7.3	10.9
68	7.4	5.3	7.9

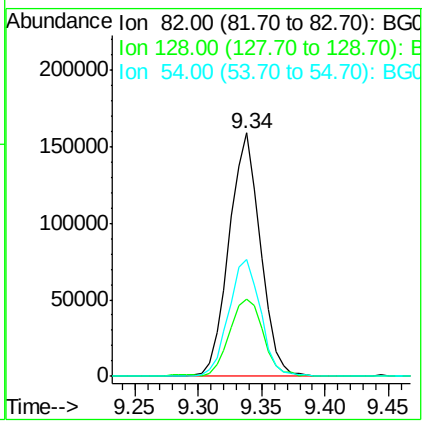




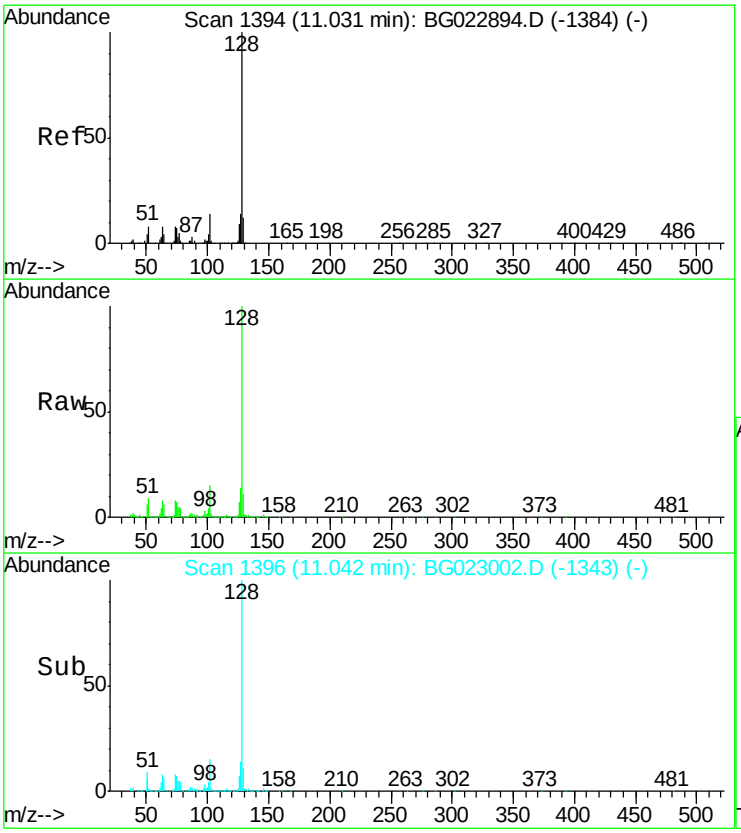
#23
Nitrobenzene-d5
Concen: 23.81 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion: 82 Resp: 271691

Ion	Ratio	Lower	Upper
82	100		
128	31.7	24.4	36.6
54	48.0	41.4	62.0



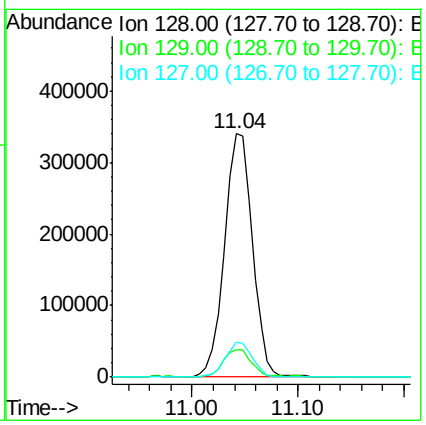
Instrument :
BNA_G
ClientSampleId :
S22-0004

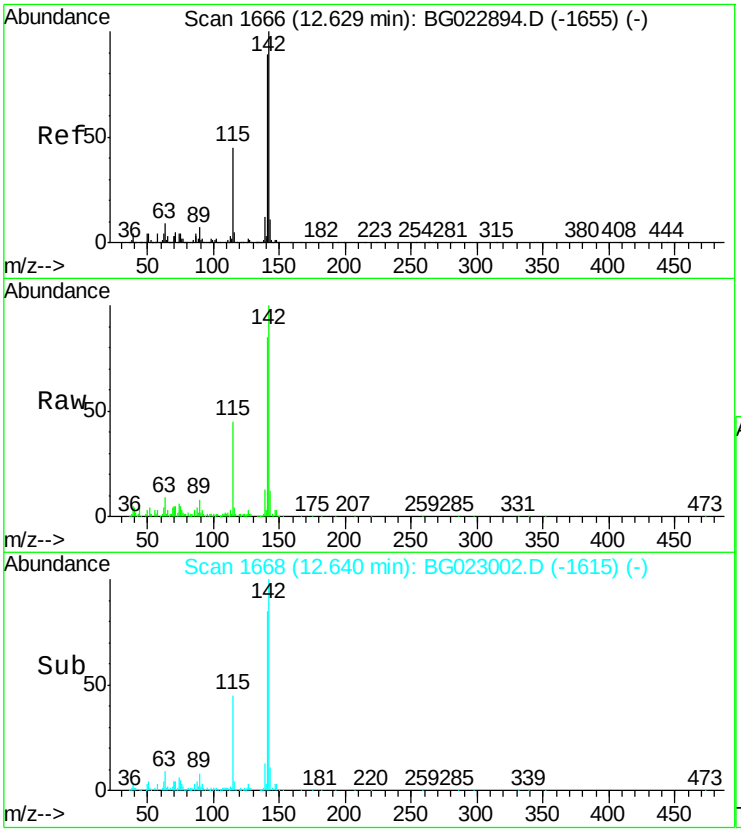


#31
Naphthalene
Concen: 24.95 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:128 Resp: 620564

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	14.3	11.3	16.9



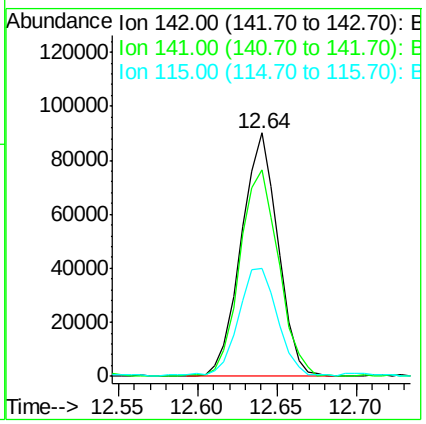


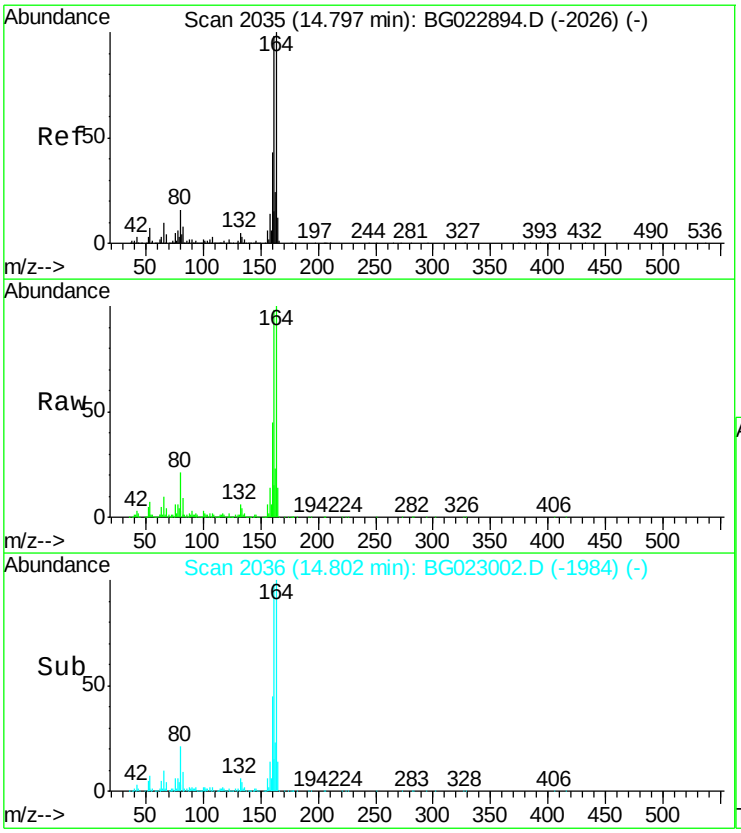
#37
2-Methylnaphthalene
Concen: 7.36 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:142 Resp: 144704

Ion	Ratio	Lower	Upper
142	100		
141	84.6	70.2	105.2
115	44.5	41.7	62.5

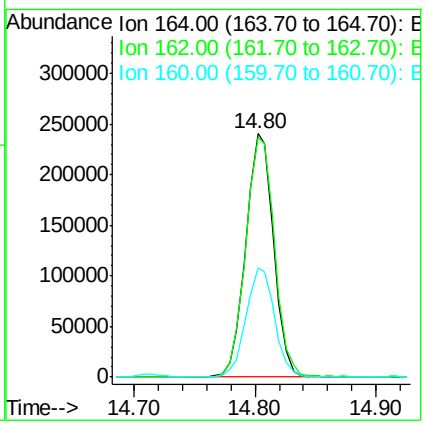


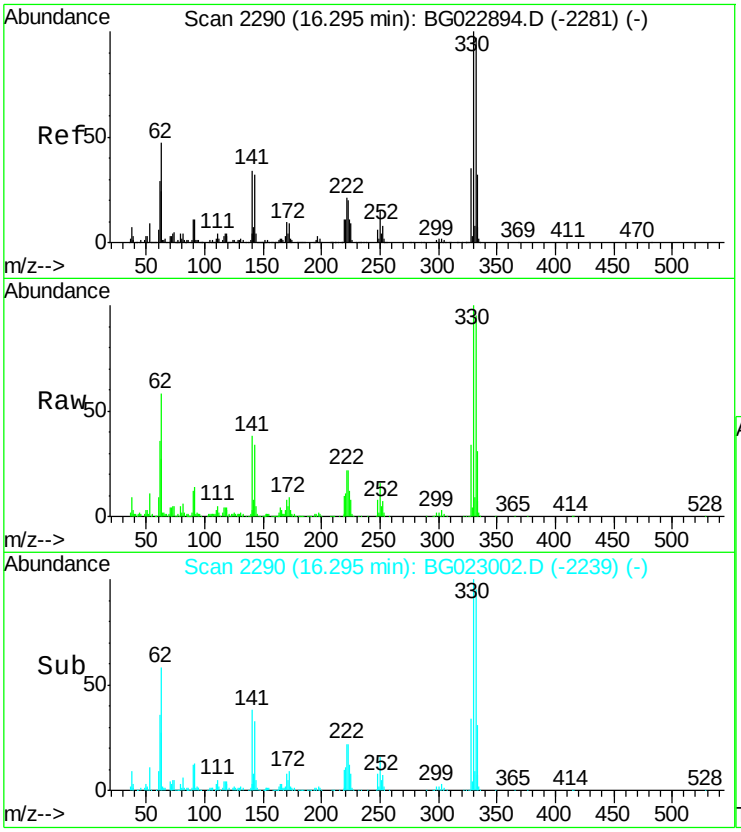


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:164 Resp: 385676

Ion	Ratio	Lower	Upper
164	100		
162	98.2	87.7	131.5
160	44.7	37.2	55.8



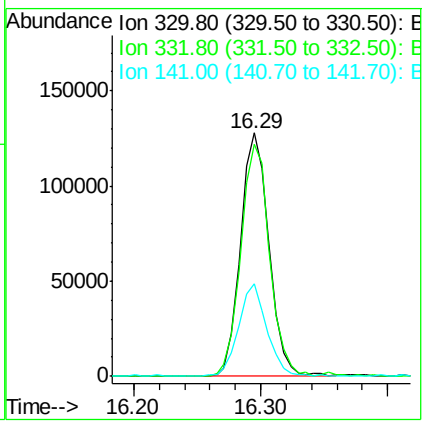


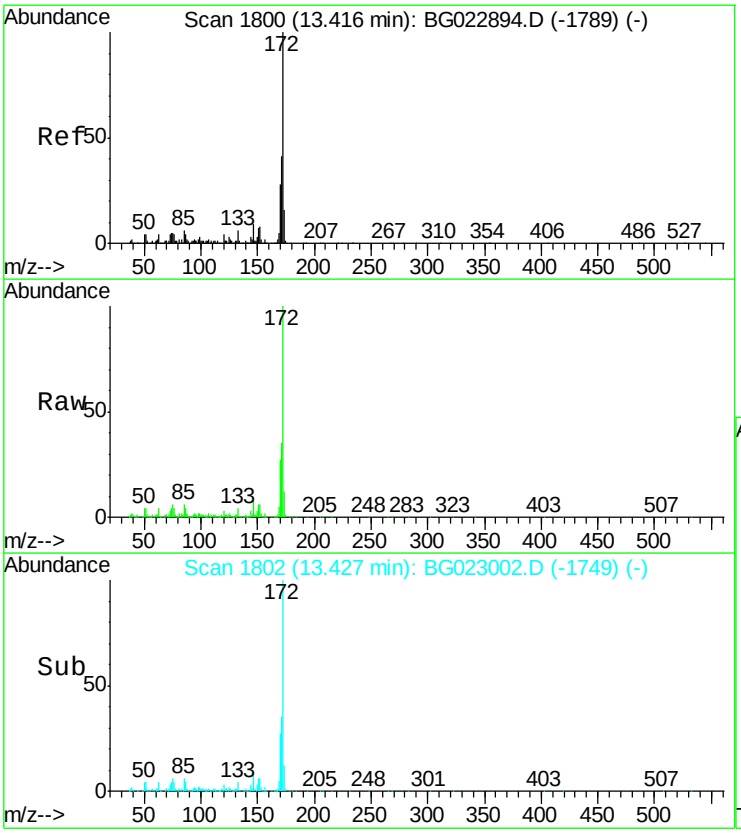
#41
2,4,6-Tribromophenol
Concen: 28.69 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:330 Resp: 198867

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	37.4	31.7	47.5

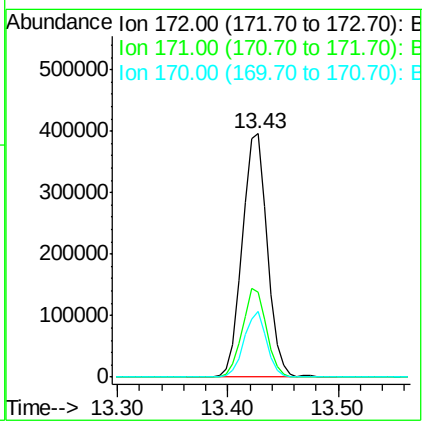


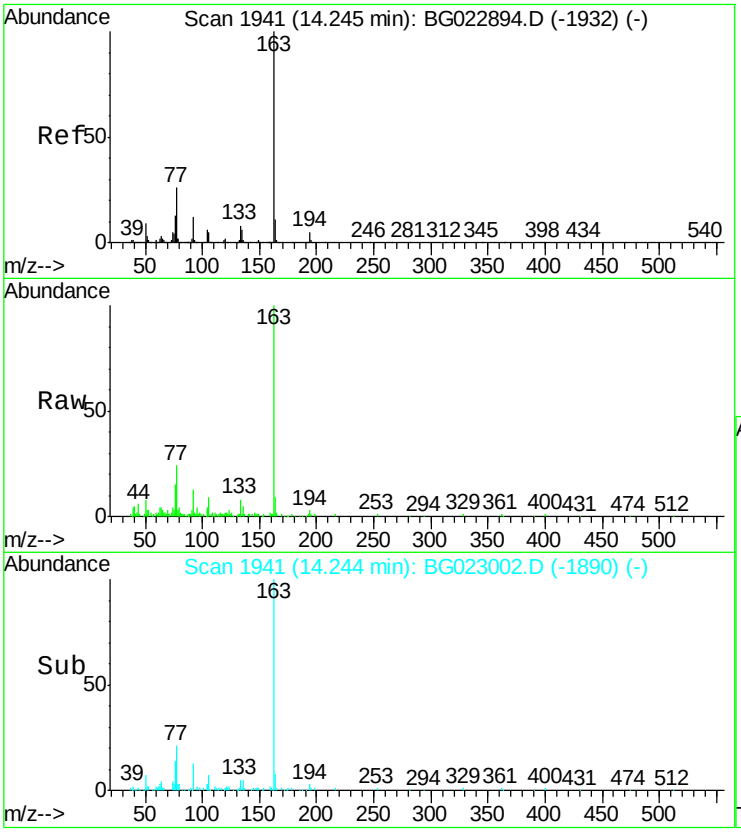


#44
2-Fluorobiphenyl
Concen: 25.81 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:172 Resp: 632001

Ion	Ratio	Lower	Upper
172	100		
171	34.8	31.6	47.4
170	27.0	21.3	31.9



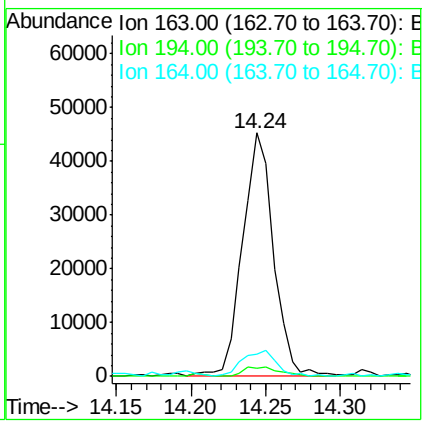


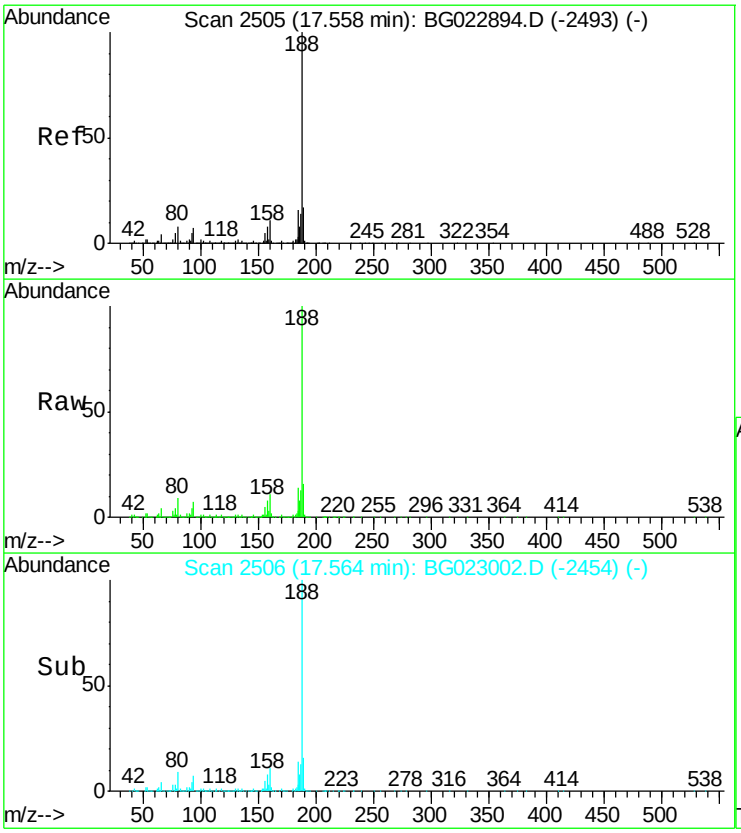
#49
Dimethylphthalate
Concen: 2.06 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:163 Resp: 64976

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.6	5.4#
164	9.1	8.1	12.1

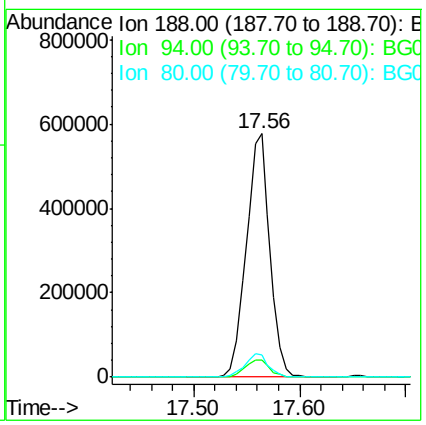


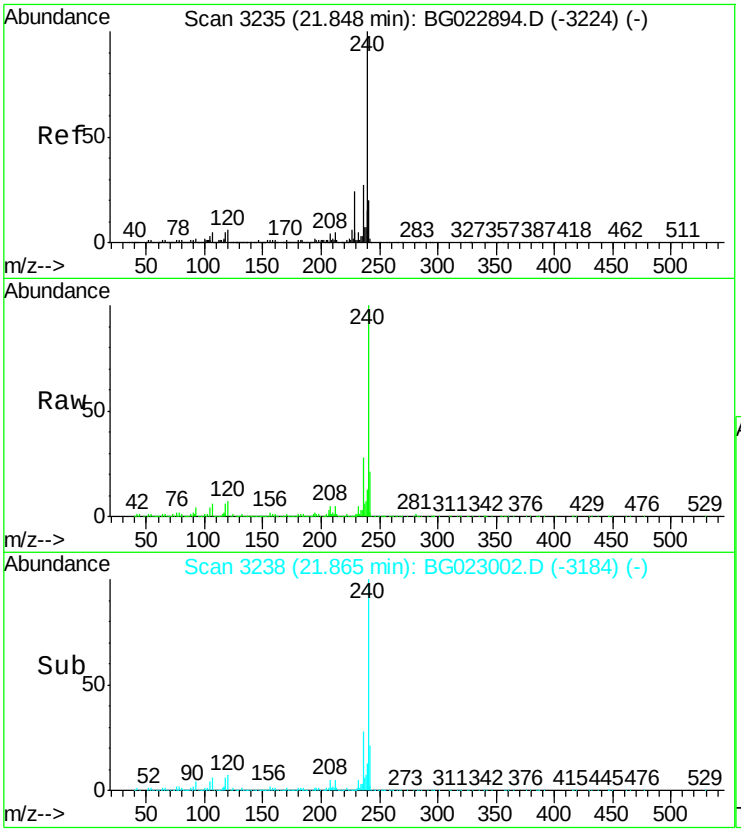


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:188 Resp: 893159

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.2	7.8
80	8.9	7.2	10.8



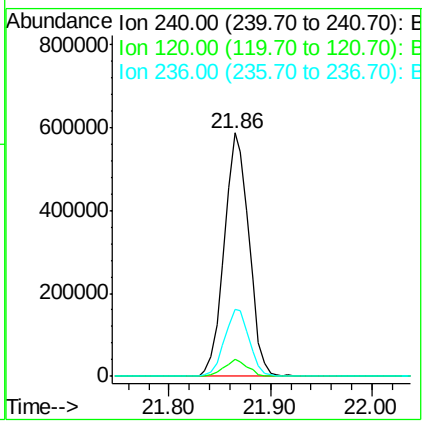


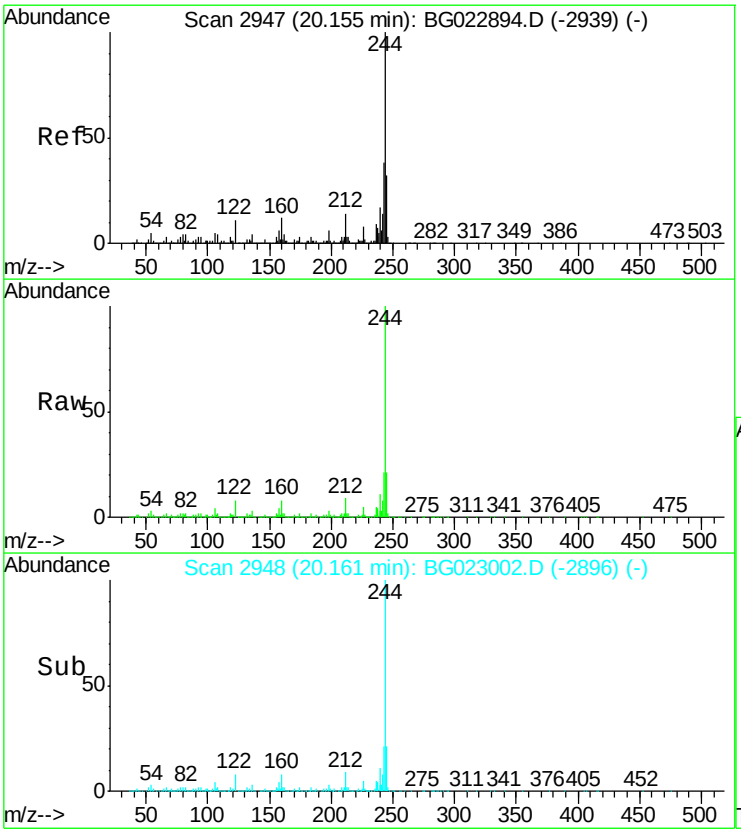
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:240 Resp: 985920

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.1	6.1#
236	27.7	21.1	31.7

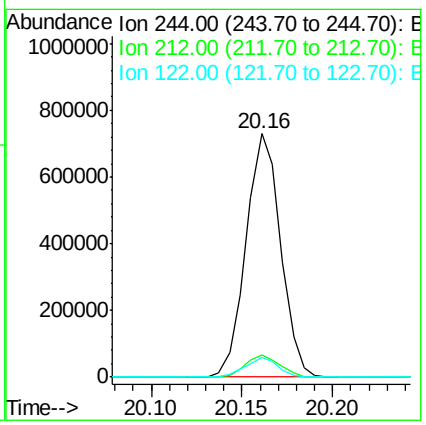


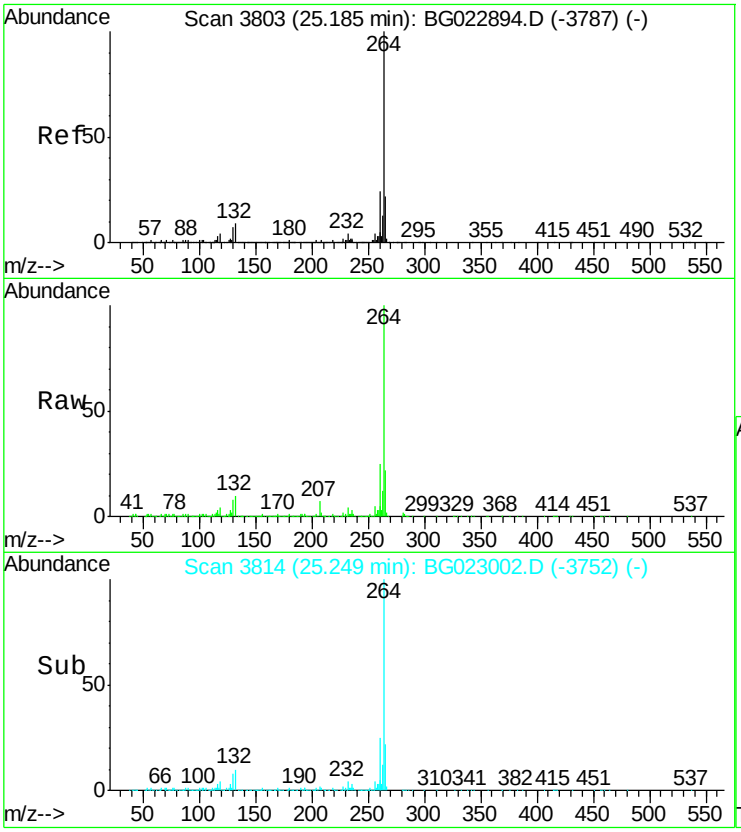


#78
Terphenyl-d14
Concen: 21.18 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:244 Resp: 966318

Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.8	16.2#
122	7.9	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3814
Delta R.T. 0.06 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:264 Resp: 995714

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.4	27.6
265	22.3	18.9	28.3