Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023861.D
Acq On : 23 Aug 2016 20:04
Operator : UM/SJ
Sample : H4556-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18A(17-19)

Quant Time: Aug 24 01:49:41 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	98779	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	417572	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	261802	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	606097	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	664916	20.00	ng	-0.02
86) Perylene-d12	25.22	264	655174	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	857425	146.11	ng	-0.03
7) Phenol-d6	7.25	99	1244620	136.17	ng	-0.03
23) Nitrobenzene-d5	9.27	82	857052	102.04	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	478236	124.89	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1570414	101.18	ng	-0.02
78) Terphenyl-d14	20.13	244	2121713	104.18	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.28	94	22215	2.27	ng	86
49) Dimethylphthalate	14.21	163	366669	18.25	ng	98

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

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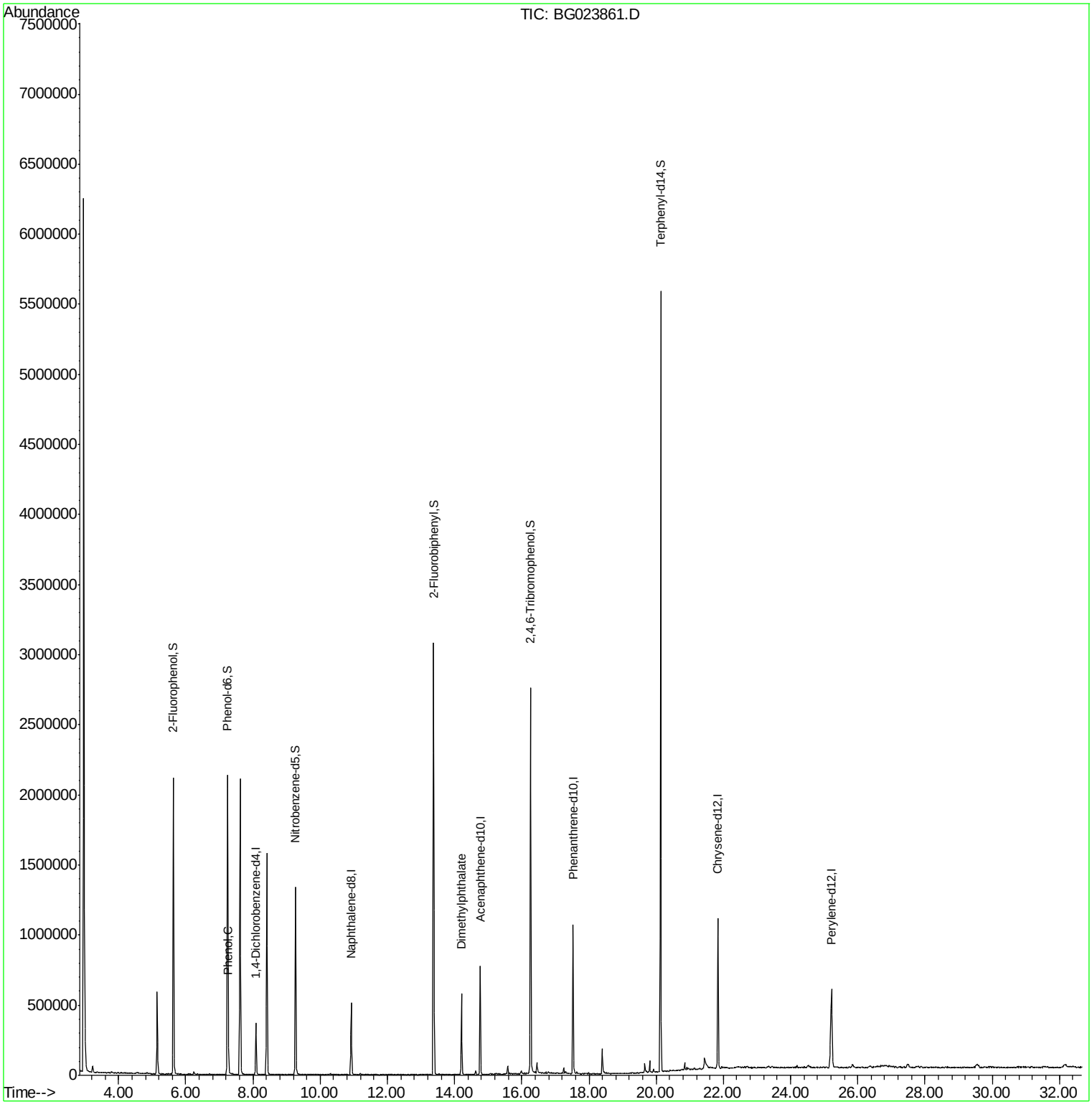
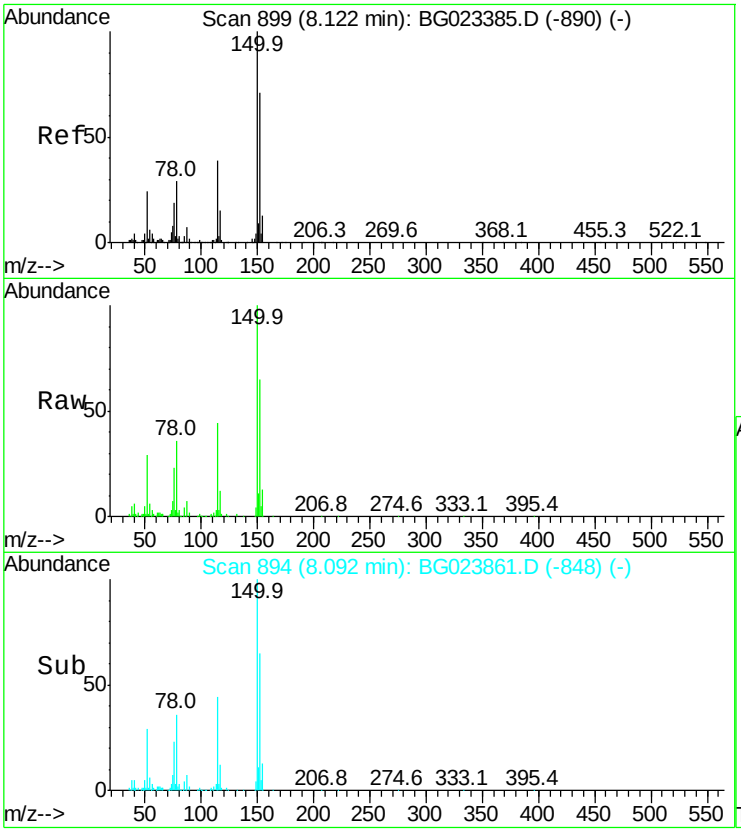


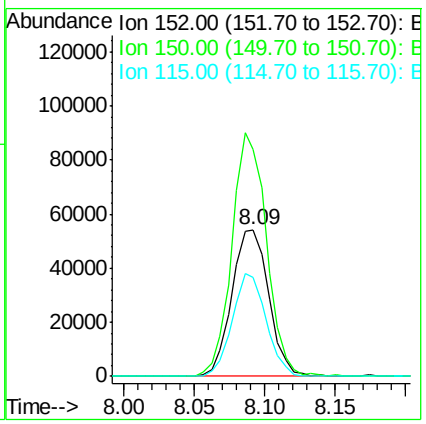


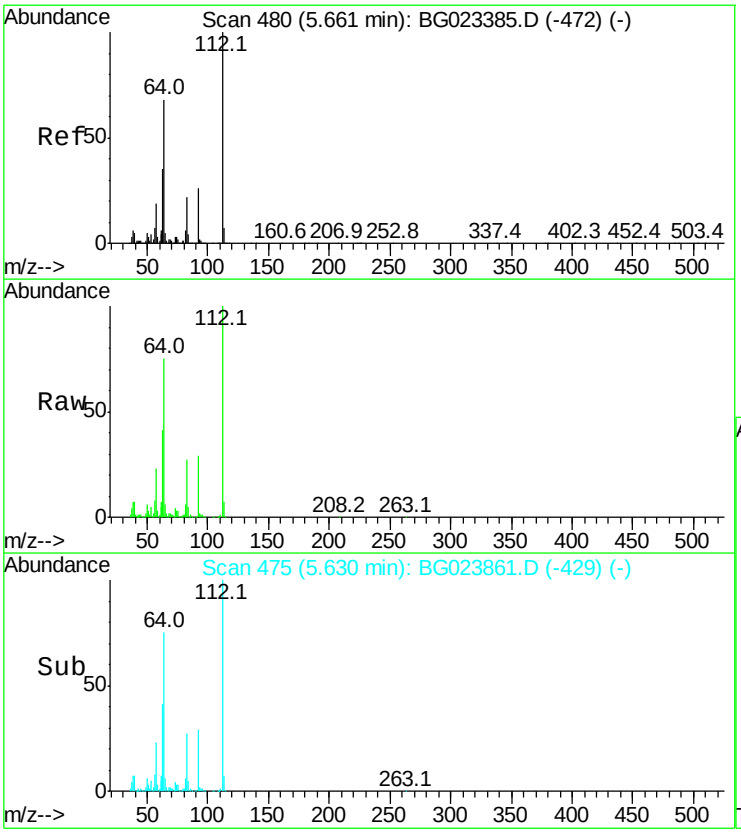
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Instrument :
BNA_G
ClientSampleId :
SB-18A(17-19)

Tgt Ion:152 Resp: 98779

Ion	Ratio	Lower	Upper
152	100		
150	154.3	144.7	217.1
115	67.8	64.0	96.0

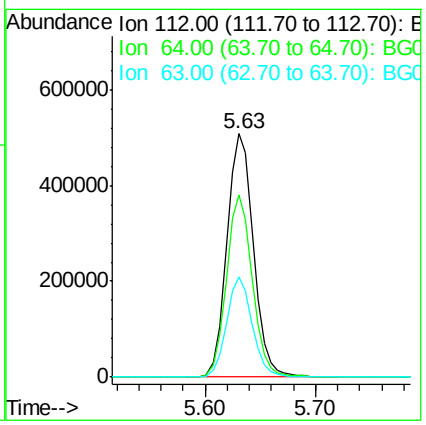


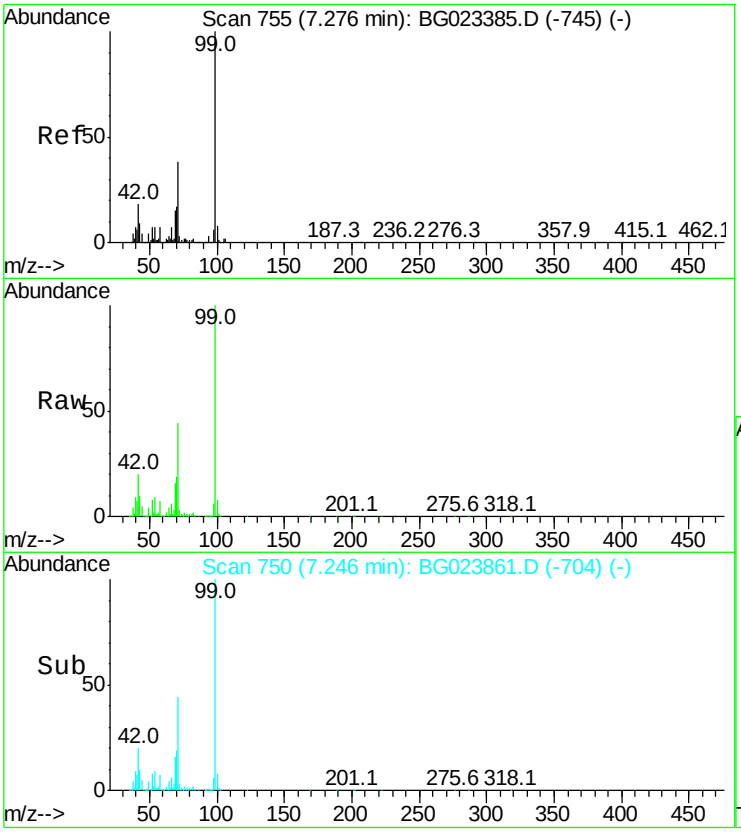


#5
2-Fluorophenol
Concen: 146.11 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Tgt Ion:112 Resp: 857425

Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.0	88.4
63	41.1	37.8	56.8



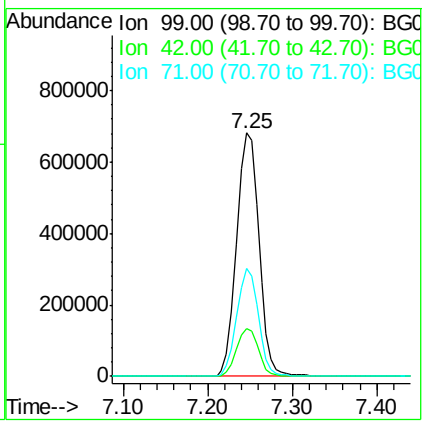


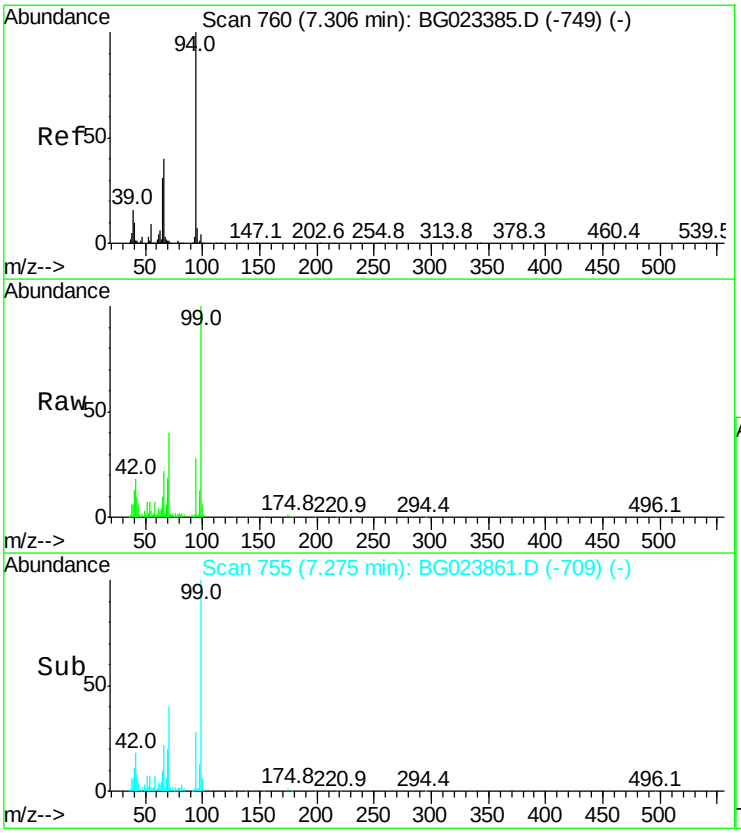
#7
Phenol-d6
Concen: 136.17 ng
RT: 7.25 min Scan# 750
Delta R.T. -0.03 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Instrument :
BNA_G
ClientSampleId :
SB-18A(17-19)

Tgt Ion: 99 Resp: 1244620

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.8	26.6
71	44.1	41.5	62.3

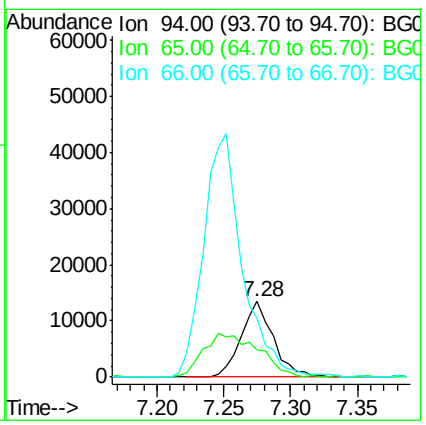


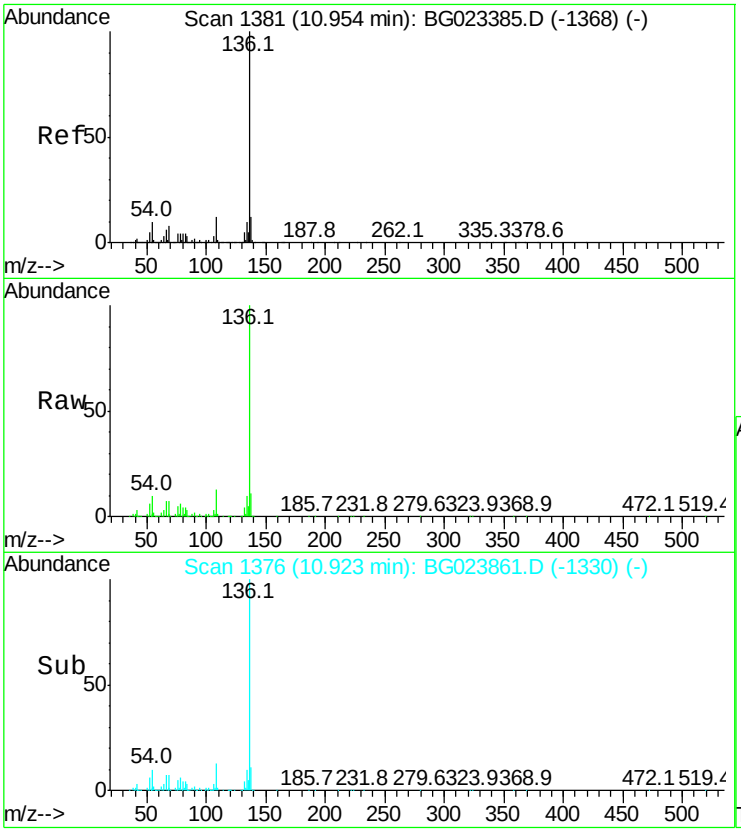


#10
Phenol
Concen: 2.27 ng
RT: 7.28 min Scan# 755
Delta R.T. -0.03 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Tgt Ion: 94 Resp: 22215

Ion	Ratio	Lower	Upper
94	100		
65	36.3	18.1	58.1
66	77.5	42.1	82.1



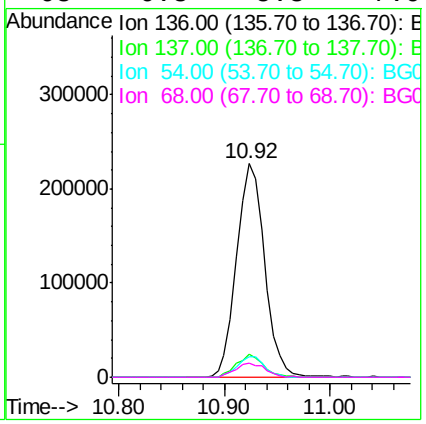


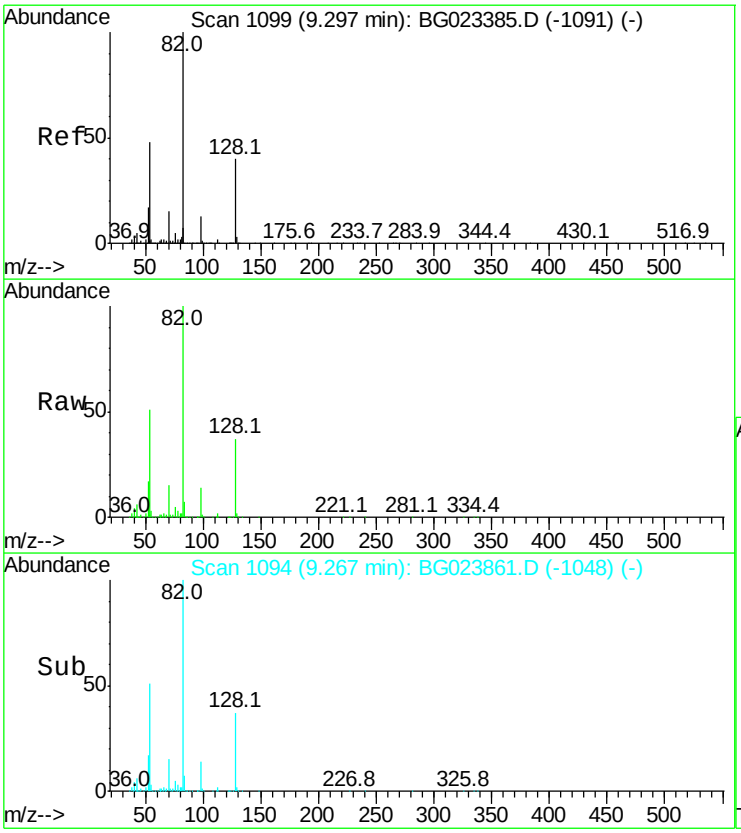
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Instrument :
BNA_G
ClientSampleId :
SB-18A(17-19)

Tgt Ion:136 Resp: 417572

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	9.6	7.3	10.9
68	6.8	5.3	7.9

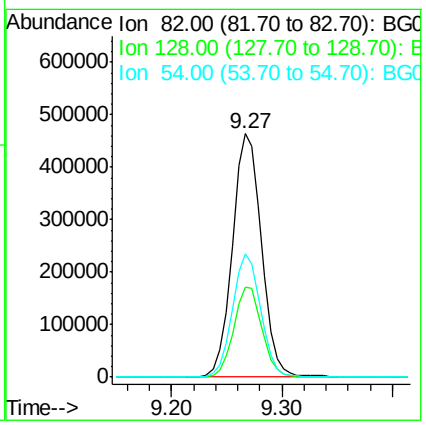


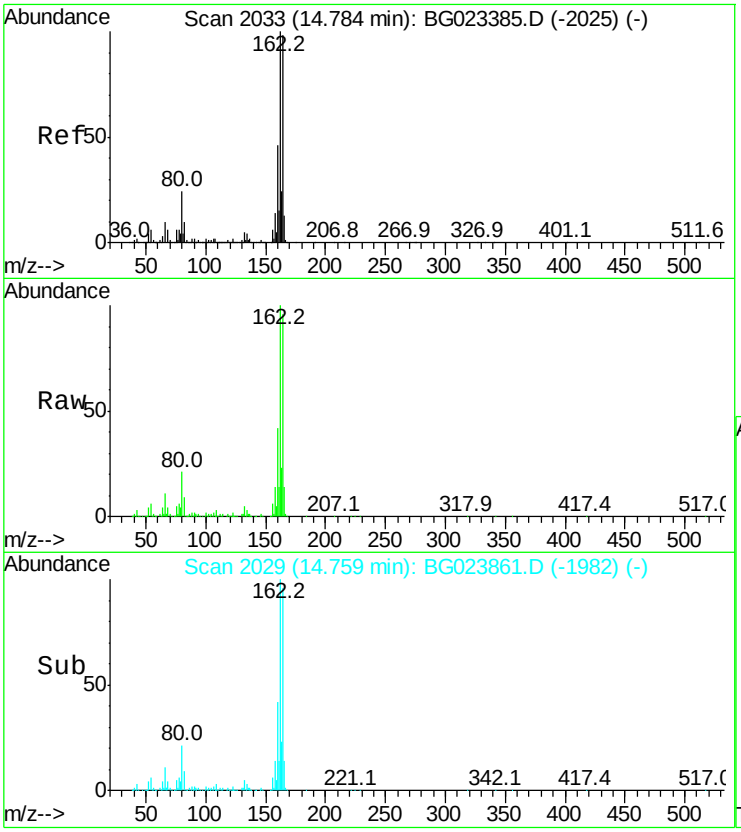


#23
Nitrobenzene-d5
Concen: 102.04 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Tgt Ion: 82 Resp: 857052

Ion	Ratio	Lower	Upper
82	100		
128	37.0	24.4	36.6#
54	50.9	41.4	62.0



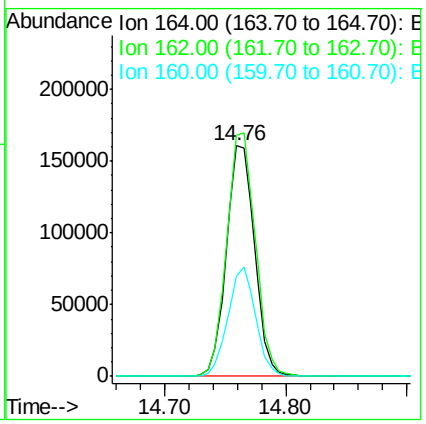


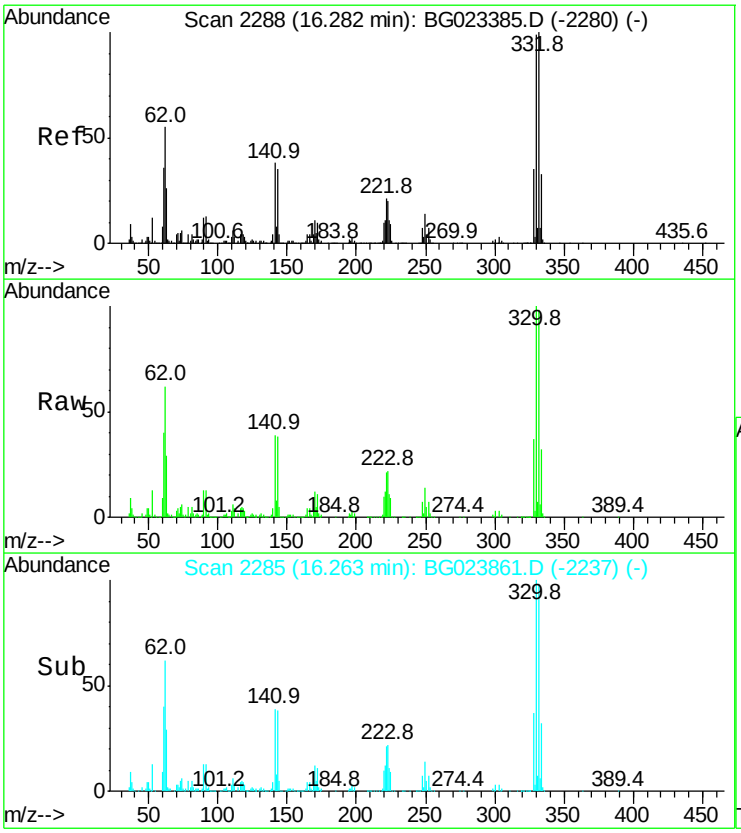
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Instrument :
BNA_G
ClientSampleId :
SB-18A(17-19)

Tgt Ion:164 Resp: 261802

Ion	Ratio	Lower	Upper
164	100		
162	104.5	87.7	131.5
160	43.7	37.2	55.8

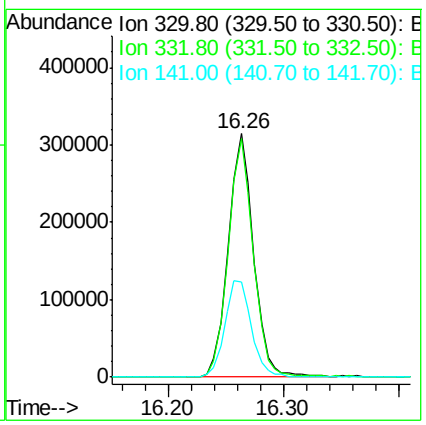


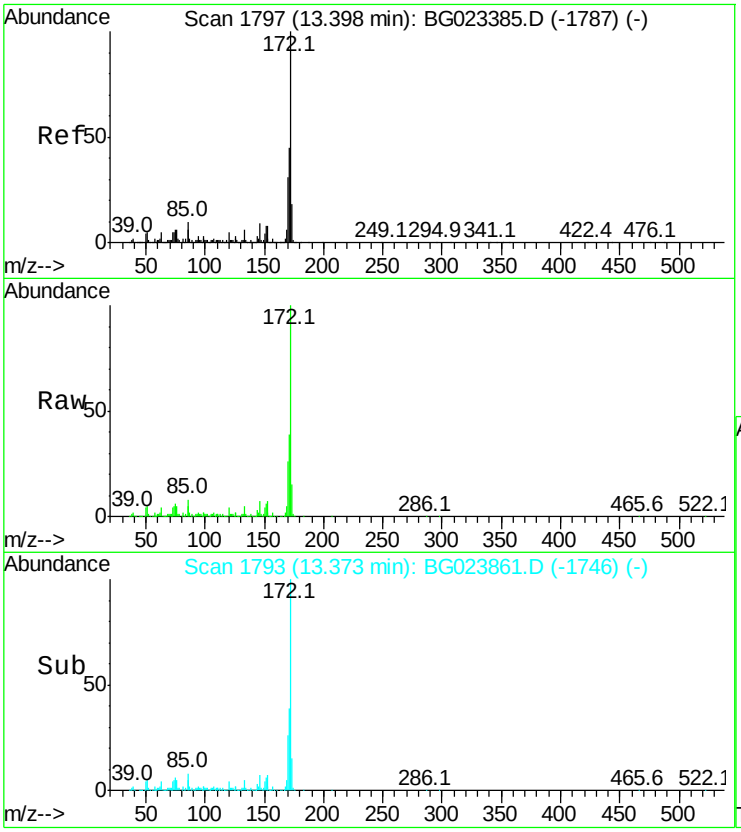


#41
2,4,6-Tribromophenol
Concen: 124.89 ng
RT: 16.26 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Tgt Ion:330 Resp: 478236

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	41.8	31.7	47.5



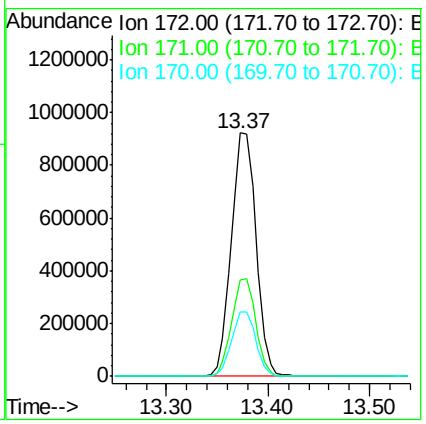


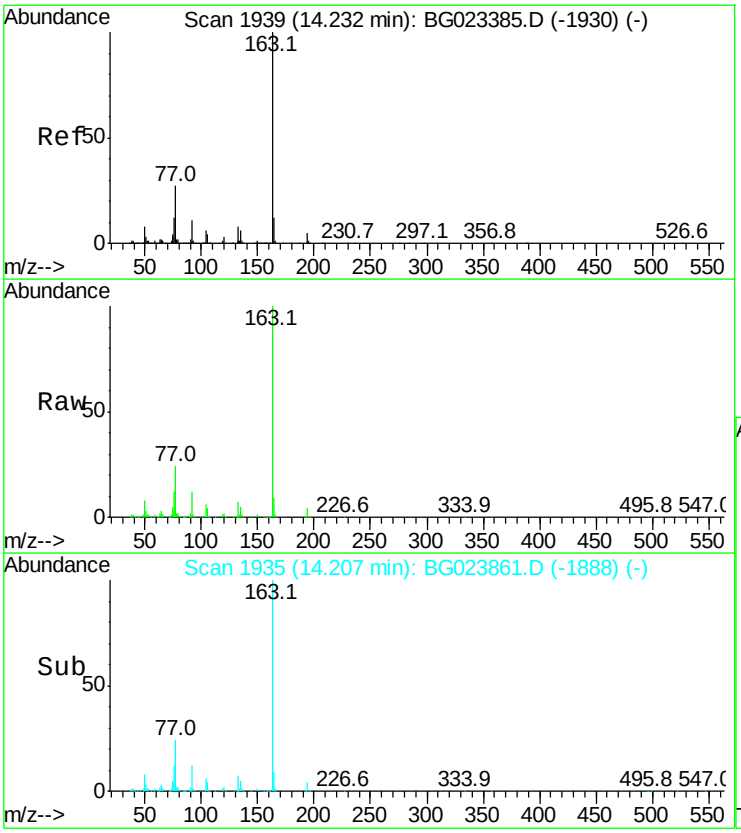
#44
2-Fluorobiphenyl
Concen: 101.18 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Instrument :
BNA_G
ClientSampleId :
SB-18A(17-19)

Tgt Ion:172 Resp: 1570414

Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.6	47.4
170	26.5	21.3	31.9

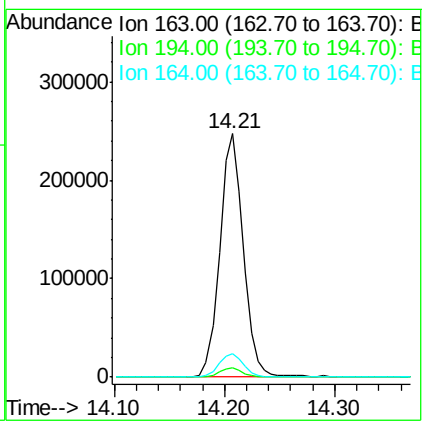


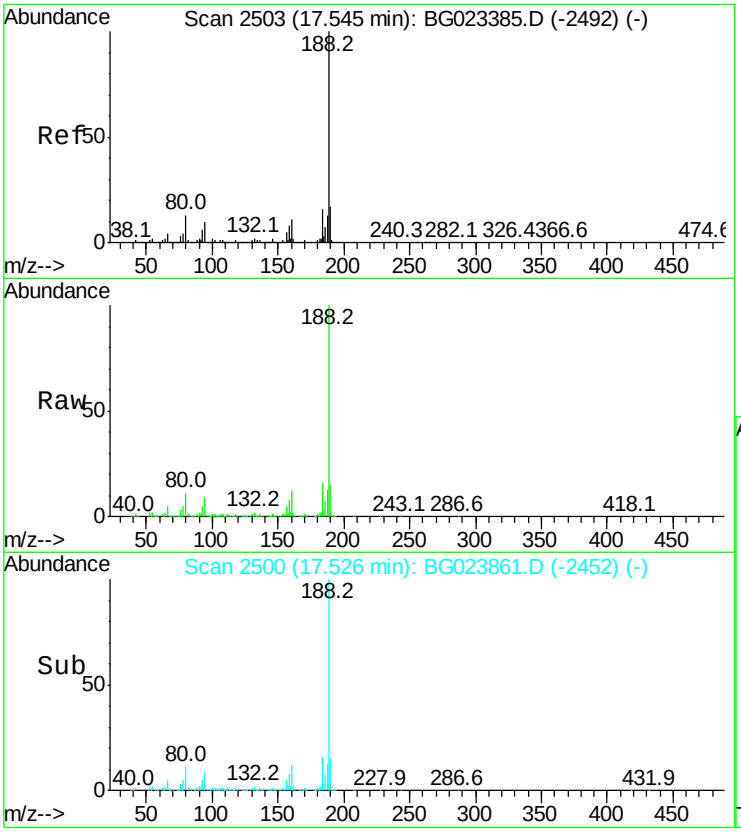


#49
Dimethylphthalate
Concen: 18.25 ng
RT: 14.21 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Tgt Ion:163 Resp: 366669

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.4	8.1	12.1



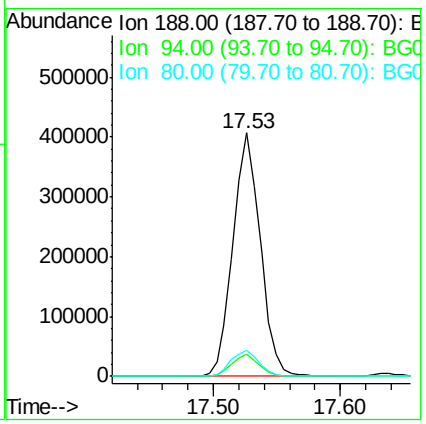


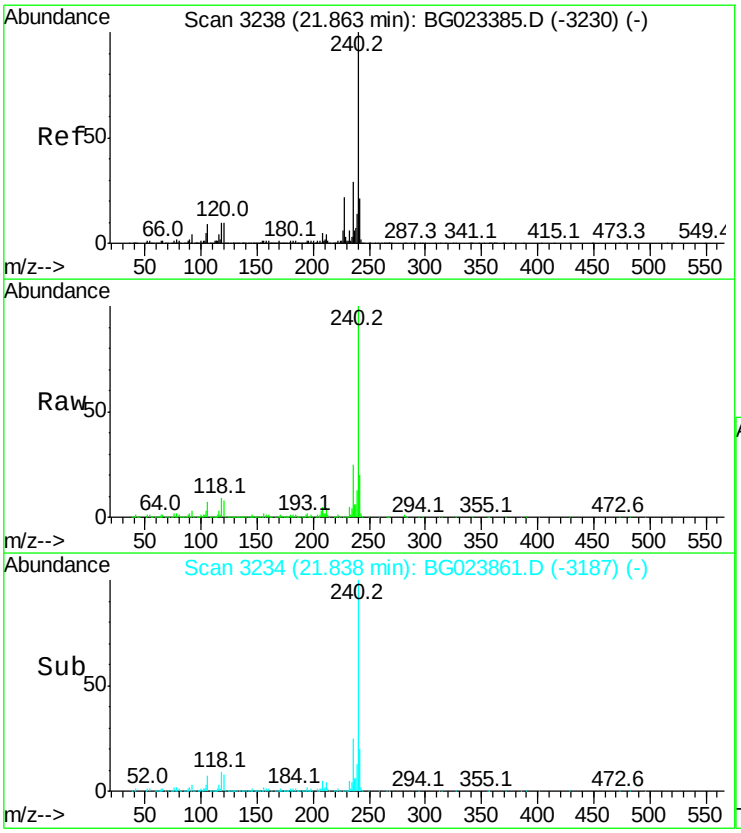
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Instrument :
BNA_G
ClientSampleId :
SB-18A(17-19)

Tgt Ion:188 Resp: 606097

Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.2	7.8#
80	10.9	7.2	10.8#

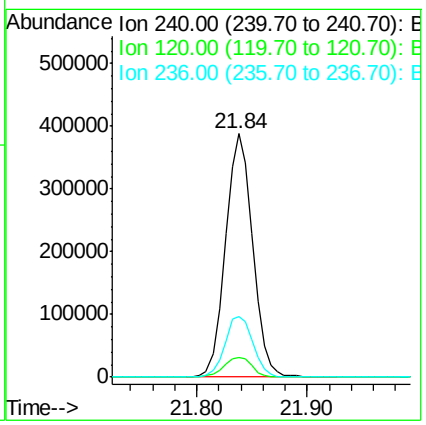


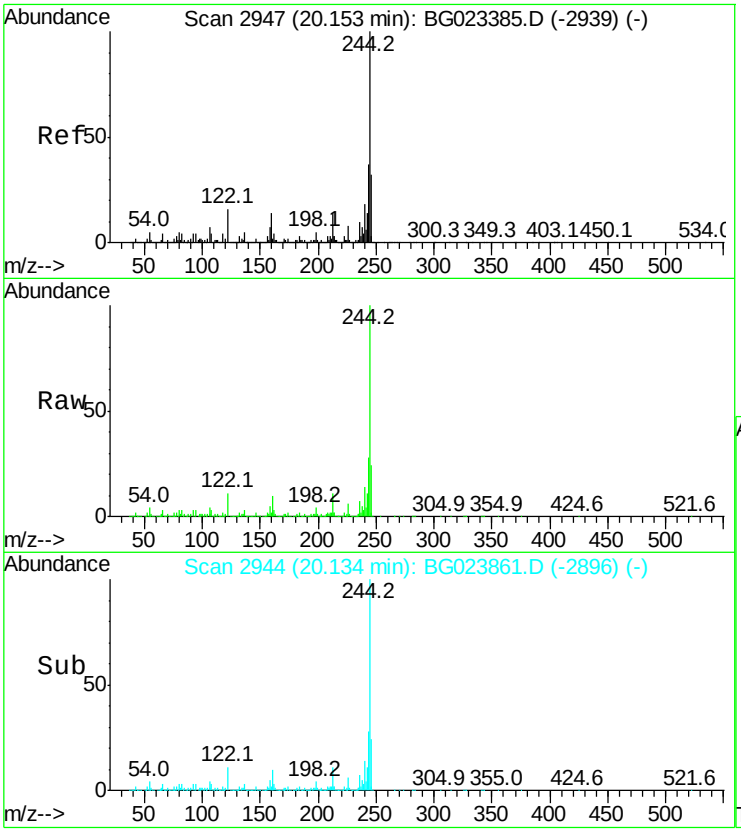


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Tgt Ion:240 Resp: 664916

Ion	Ratio	Lower	Upper
240	100		
120	8.0	4.1	6.1#
236	24.8	21.1	31.7



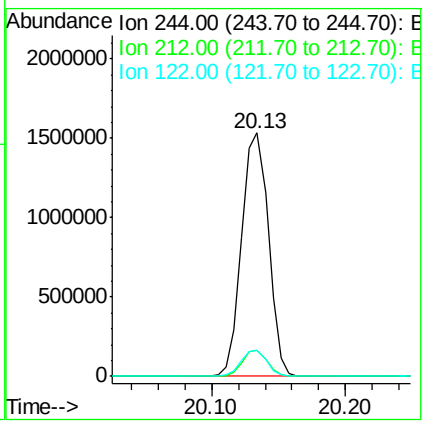


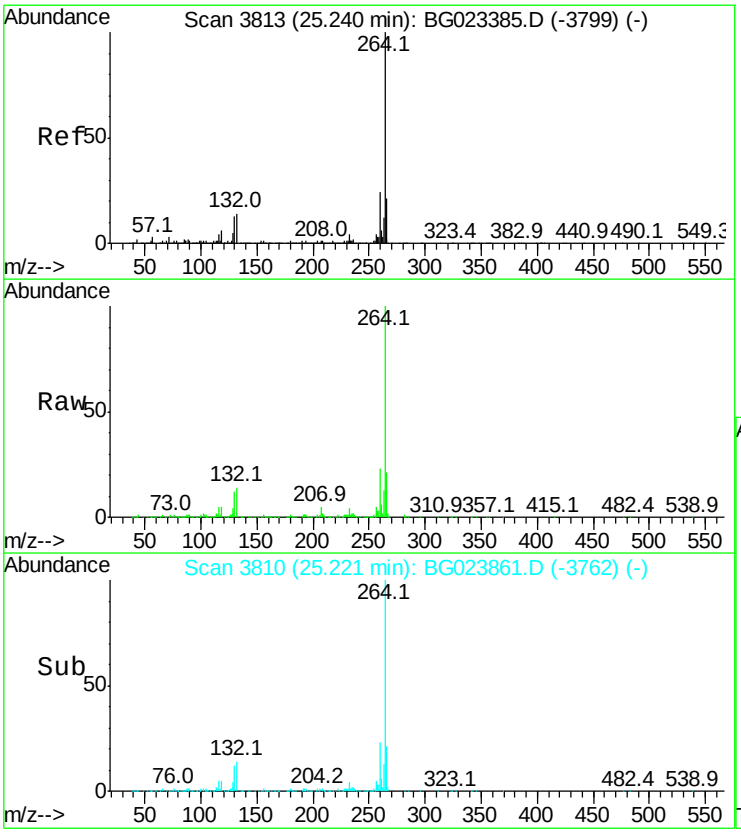
#78
Terphenyl-d14
Concen: 104.18 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Instrument :
BNA_G
ClientSampleId :
SB-18A(17-19)

Tgt Ion:244 Resp: 2121713

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.8	16.2
122	10.6	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.02 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Tgt Ion:264 Resp: 655174

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.0	18.9	28.3