Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023364.D
Acq On : 30 Jul 2016 19:30
Operator : UM/SJ
Sample : H4223-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

Quant Time: Aug 01 02:10:40 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	178005	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	883150	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	615935	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1158953	20.00	ng	0.00
75) Chrysene-d12	21.88	240	1022438	20.00	ng	0.00
86) Perylene-d12	25.28	264	1040805	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	898036	86.13	ng	0.00
7) Phenol-d6	7.29	99	1653535	103.29	ng	0.00
23) Nitrobenzene-d5	9.31	82	1176779	65.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	453016	71.06	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2466114	74.94	ng	0.00
78) Terphenyl-d14	20.17	244	2384147	75.80	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.32	94	40315	2.39	ng	89
49) Dimethylphthalate	14.25	163	500198	11.00	ng	99

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

Quantitation Report (QT/LSC Reviewed)

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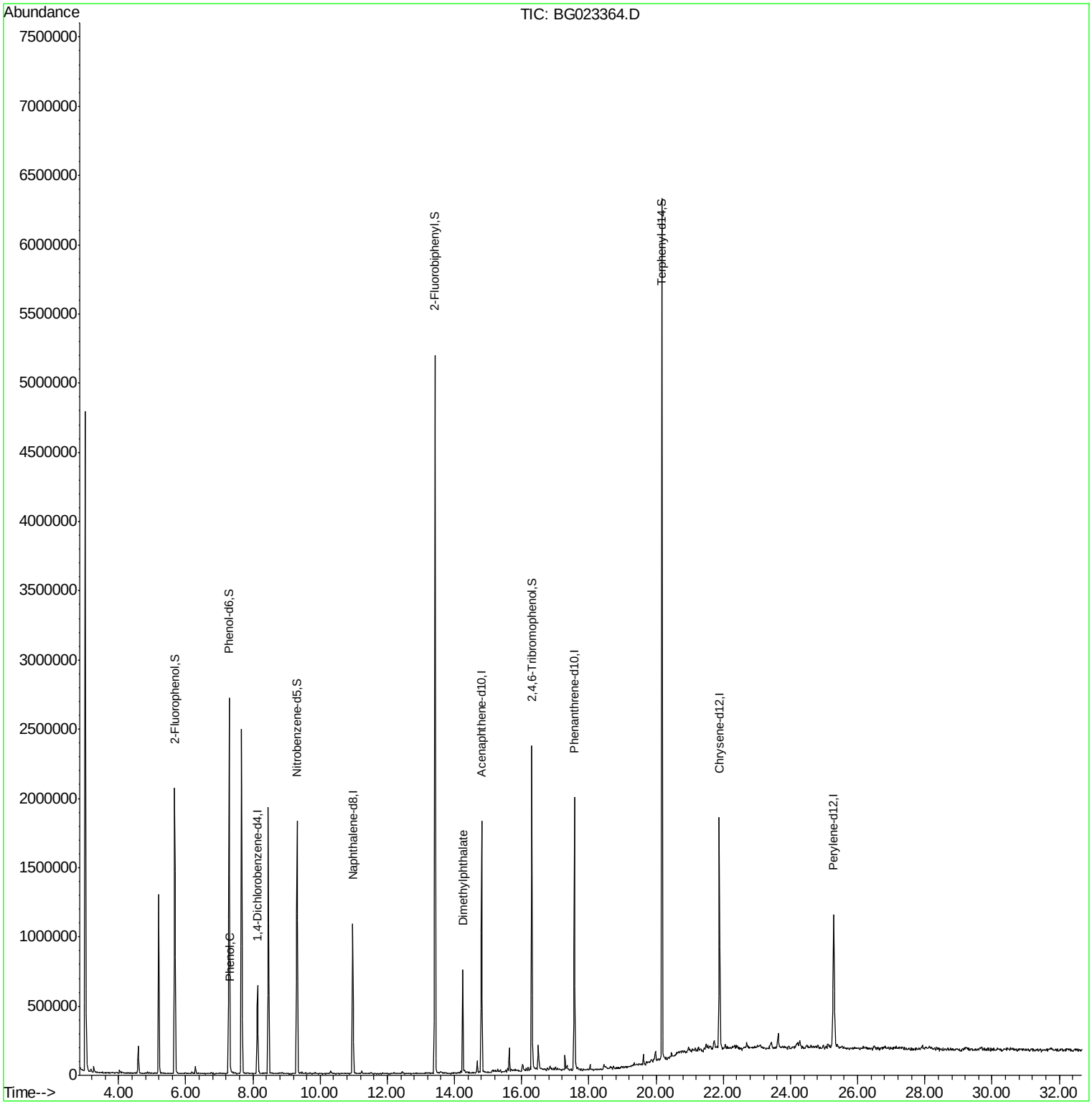
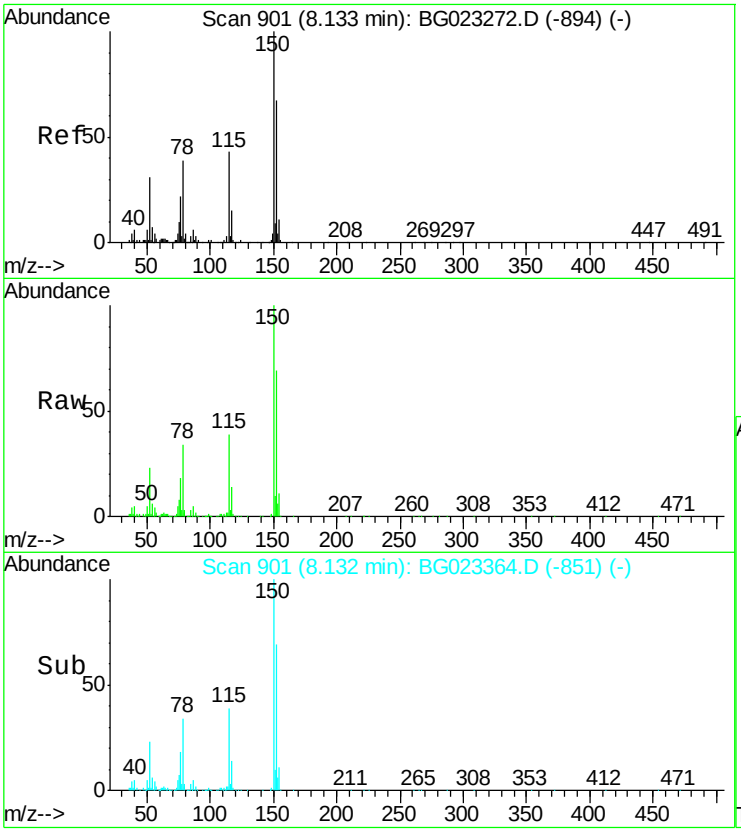


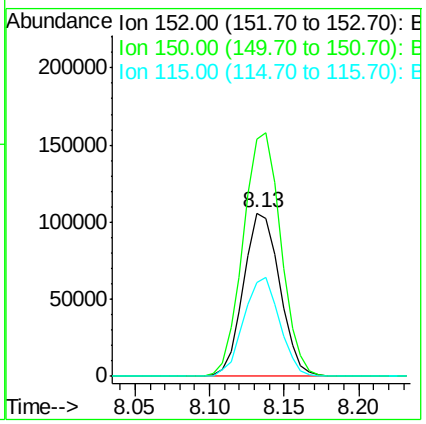


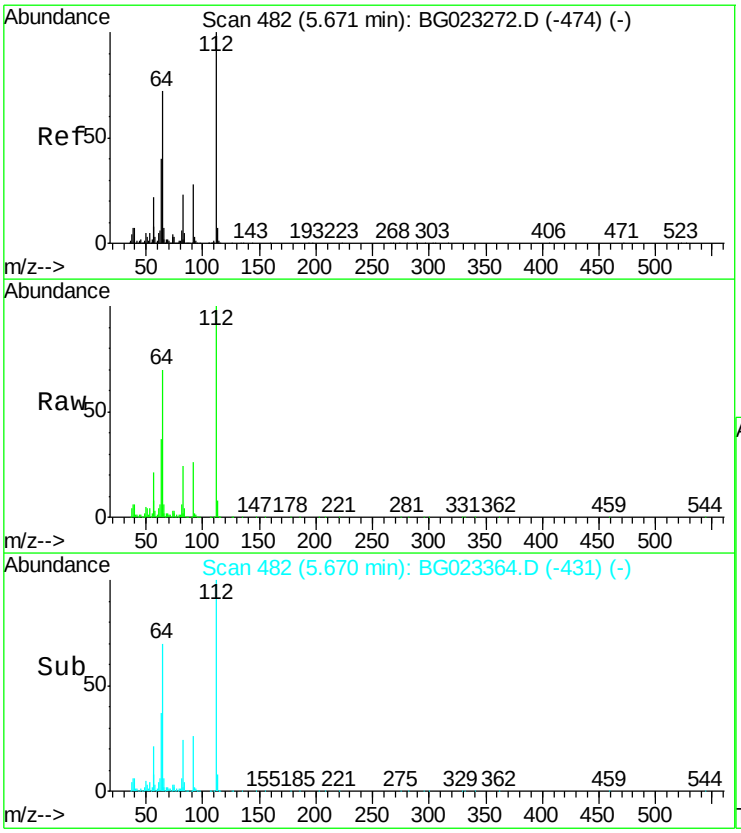
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tgt Ion:152 Resp: 178005

Ion	Ratio	Lower	Upper
152	100		
150	145.2	144.7	217.1
115	57.3	64.0	96.0#

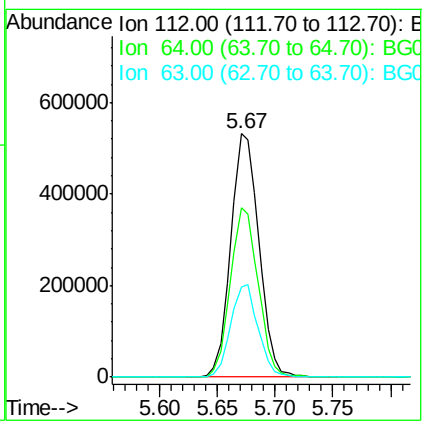


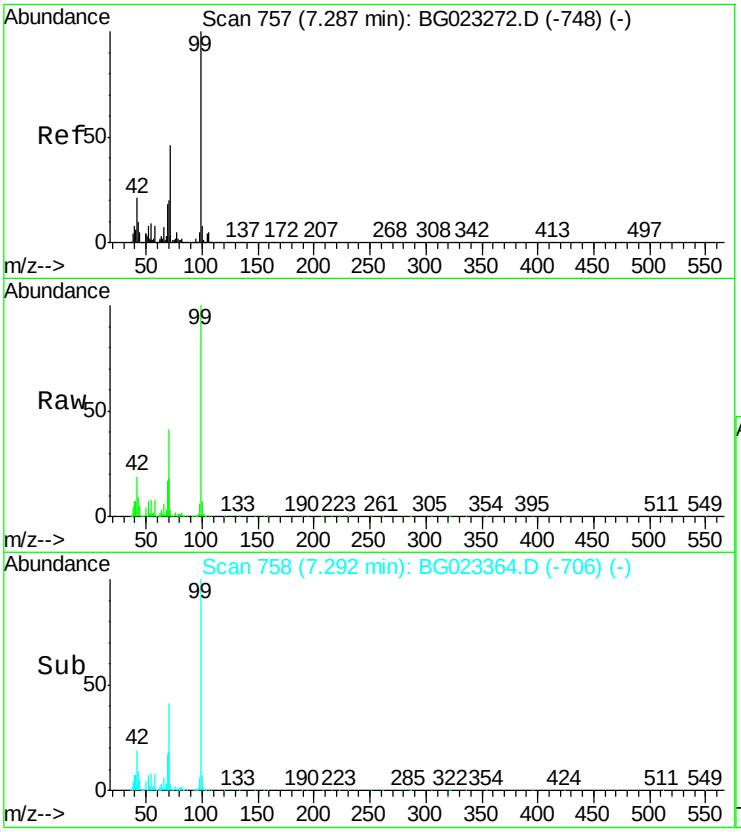


#5
2-Fluorophenol
Concen: 86.13 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Tgt Ion:112 Resp: 898036

Ion	Ratio	Lower	Upper
112	100		
64	69.7	59.0	88.4
63	37.1	37.8	56.8#



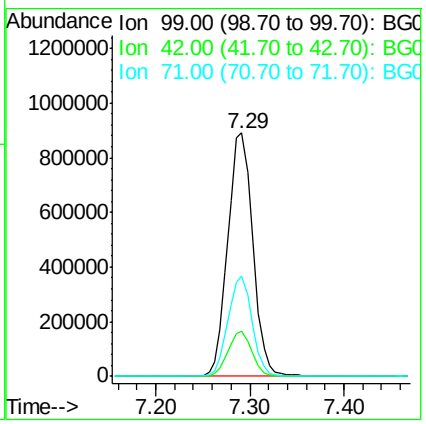


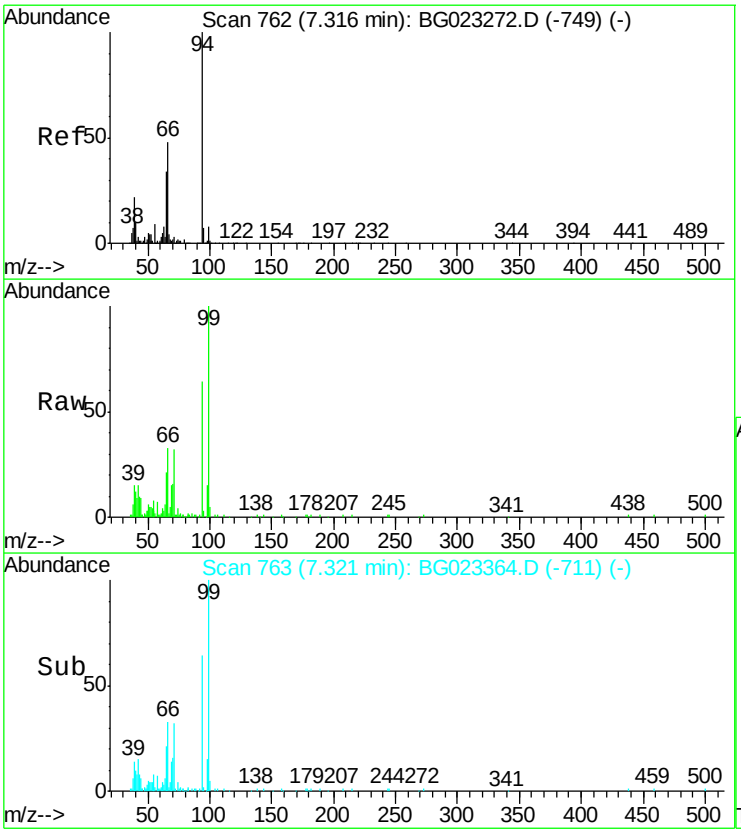
#7
Phenol-d6
Concen: 103.29 ng
RT: 7.29 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tgt Ion: 99 Resp: 1653535

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.8	26.6
71	41.1	41.5	62.3#

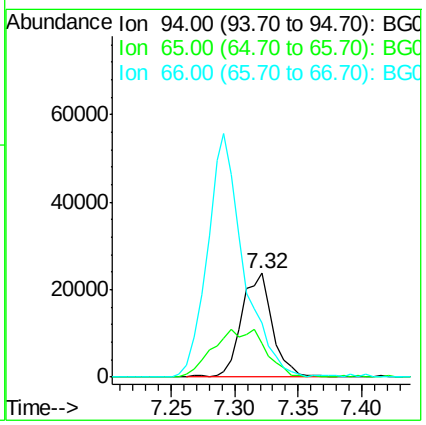


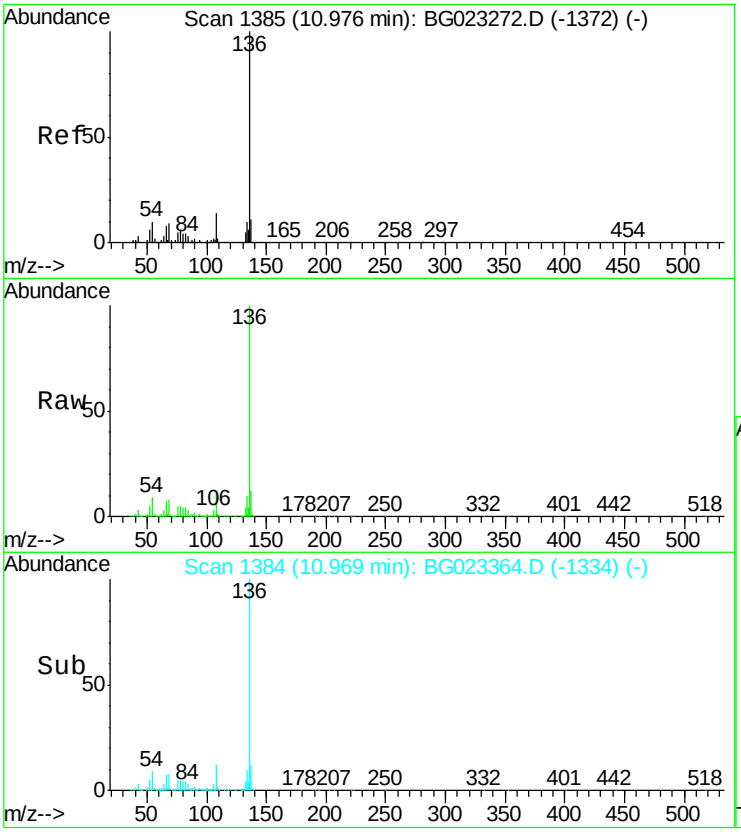


#10
Phenol
Concen: 2.39 ng
RT: 7.32 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Tgt Ion: 94 Resp: 40315

Ion	Ratio	Lower	Upper
94	100		
65	33.0	18.1	58.1
66	52.2	42.1	82.1



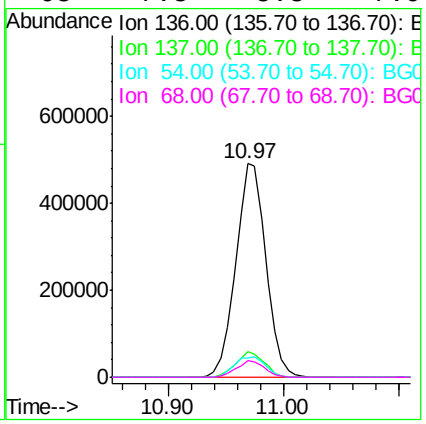


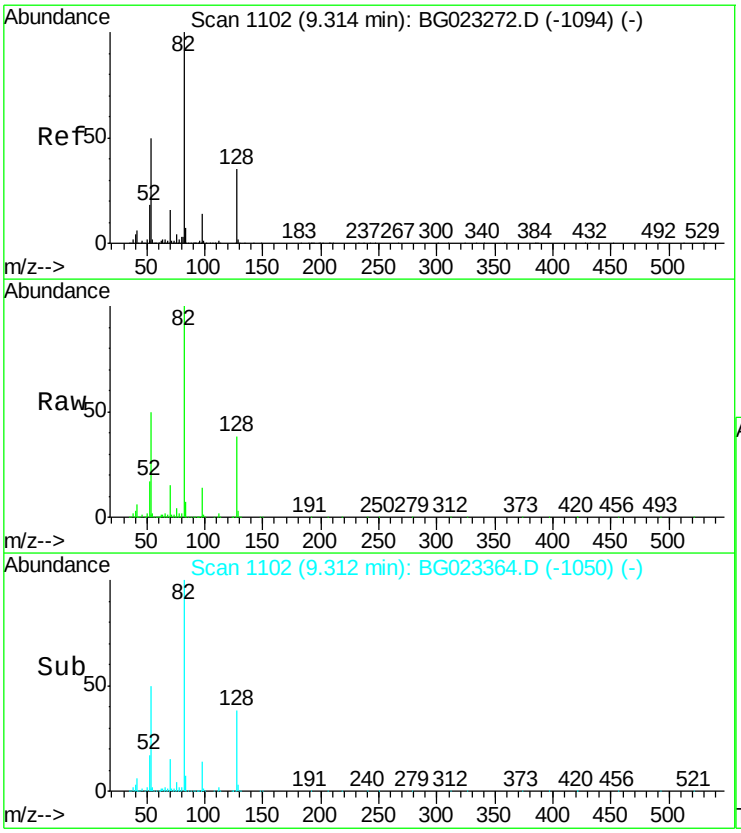
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tgt Ion:136 Resp: 883150

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.0	7.3	10.9
68	7.8	5.3	7.9

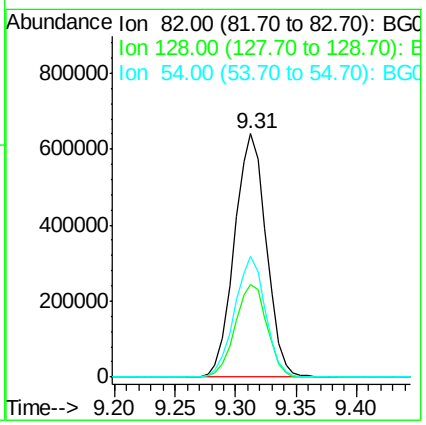


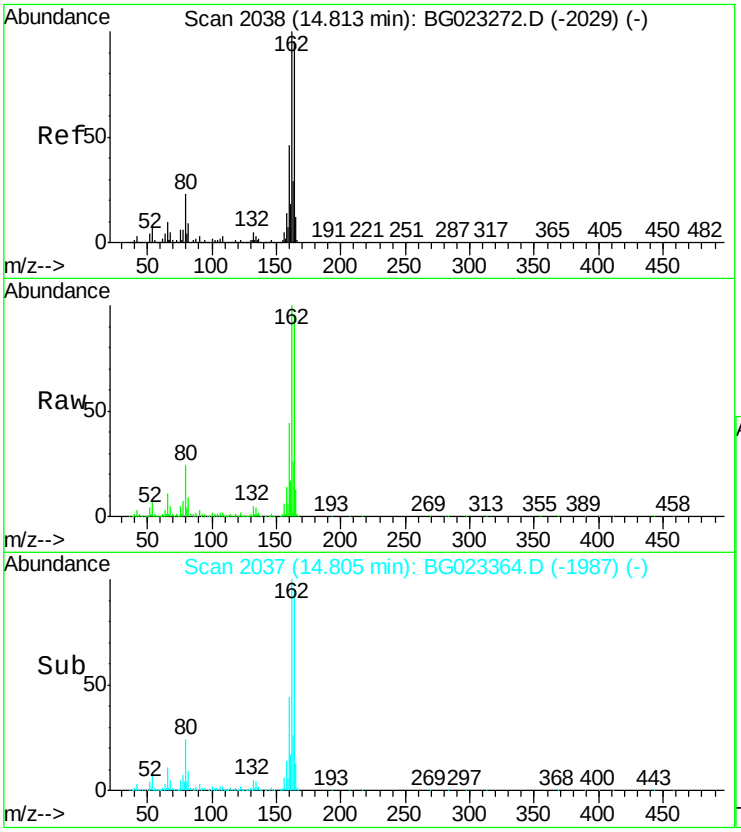


#23
Nitrobenzene-d5
Concen: 65.16 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Tgt Ion: 82 Resp: 1176779

Ion	Ratio	Lower	Upper
82	100		
128	38.0	24.4	36.6#
54	49.8	41.4	62.0



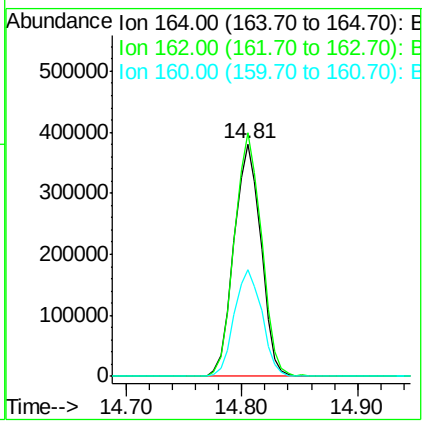


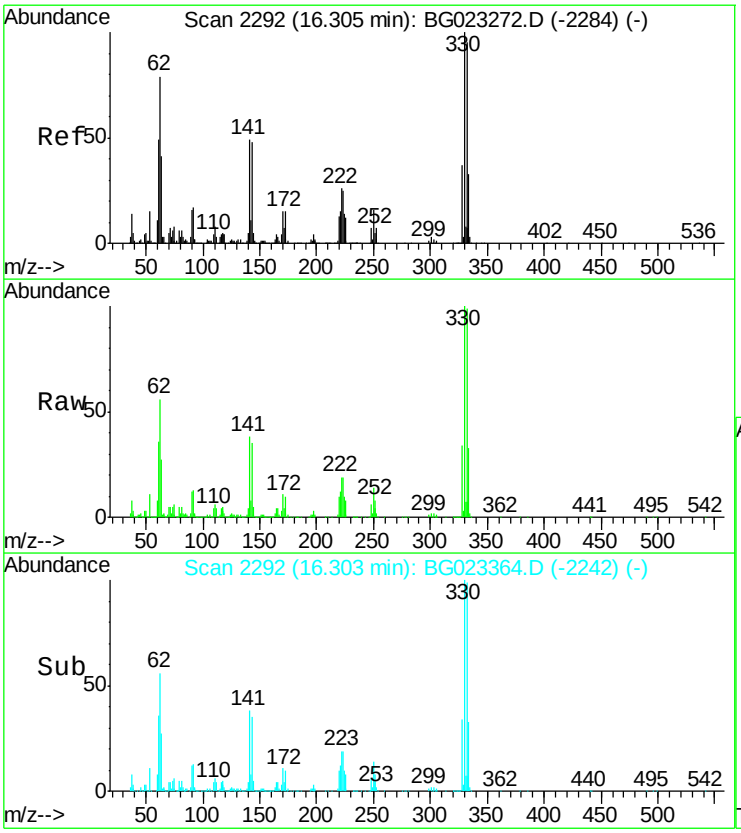
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tgt Ion:164 Resp: 615935

Ion	Ratio	Lower	Upper
164	100		
162	104.9	87.7	131.5
160	45.7	37.2	55.8

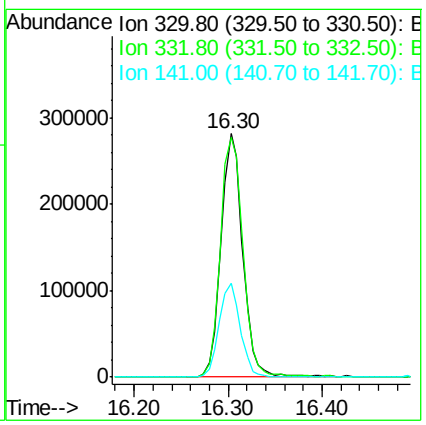


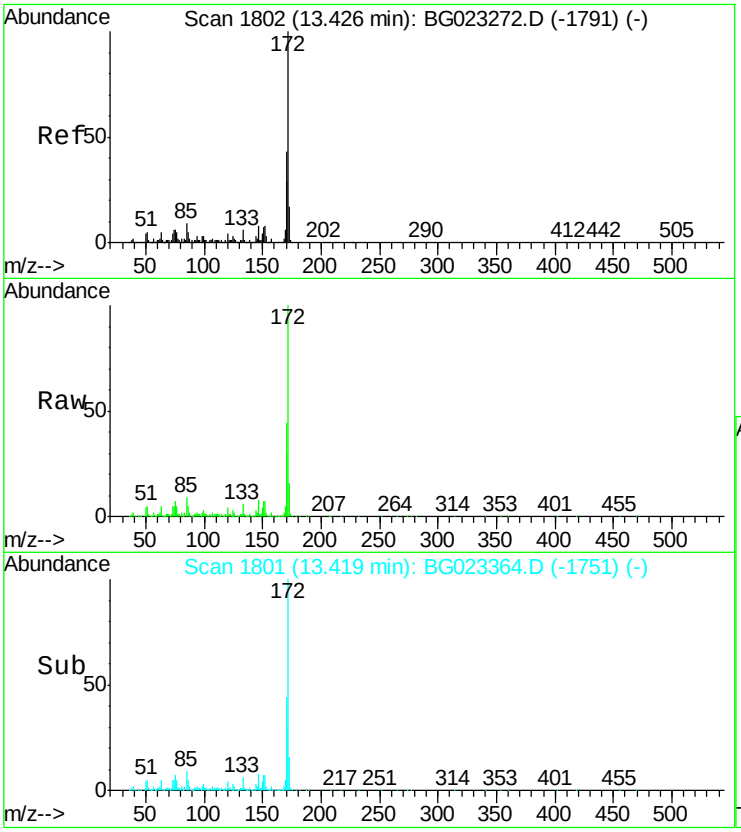


#41
2,4,6-Tribromophenol
Concen: 71.06 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Tgt Ion:330 Resp: 453016

Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.4	116.2
141	37.8	31.7	47.5



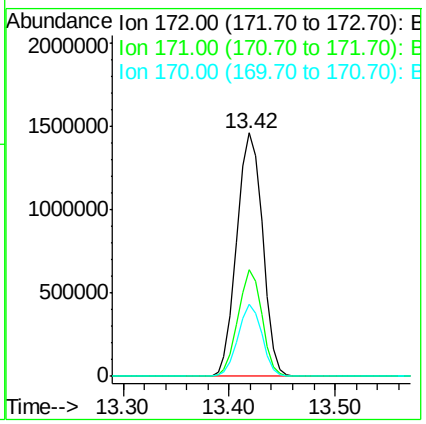


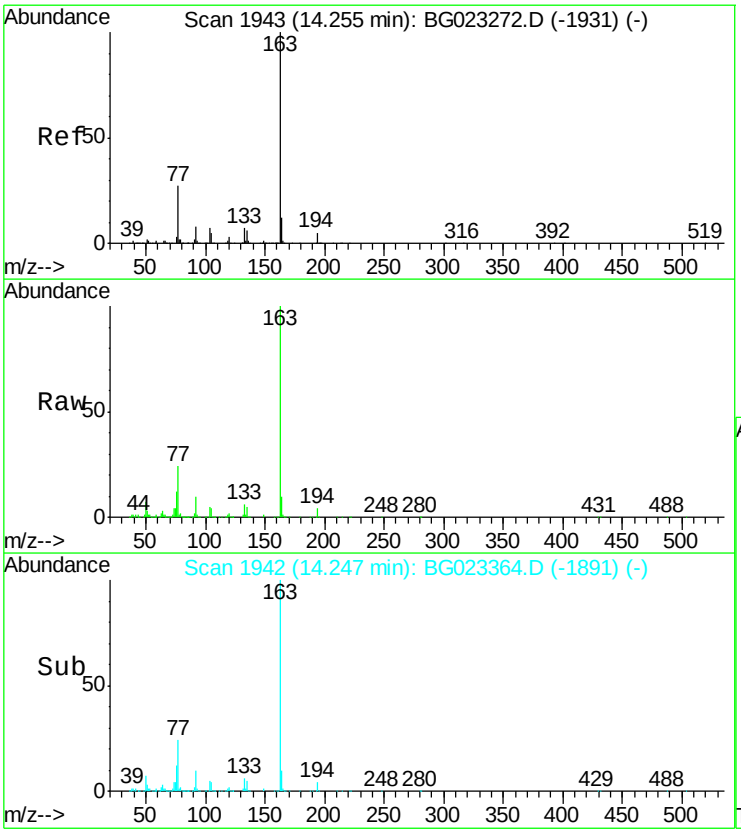
#44
2-Fluorobiphenyl
Concen: 74.94 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tgt Ion:172 Resp: 2466114

Ion	Ratio	Lower	Upper
172	100		
171	43.8	31.6	47.4
170	29.8	21.3	31.9

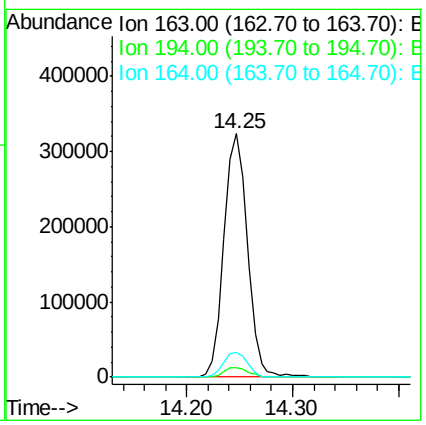


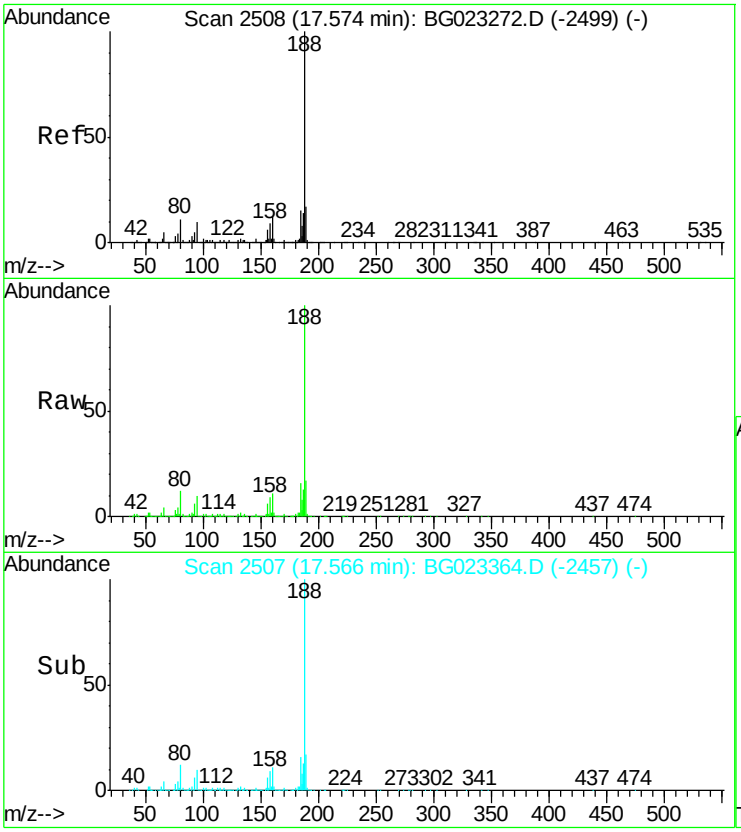


#49
Dimethylphthalate
Concen: 11.00 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Tgt Ion:163 Resp: 500198

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	10.4	8.1	12.1



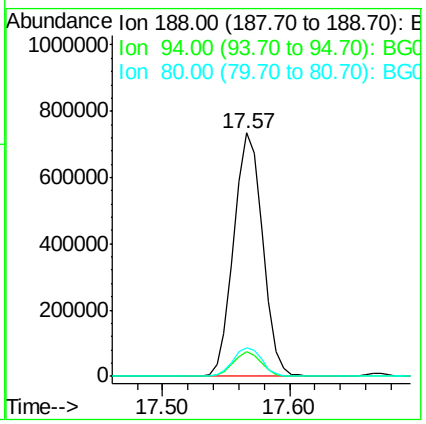


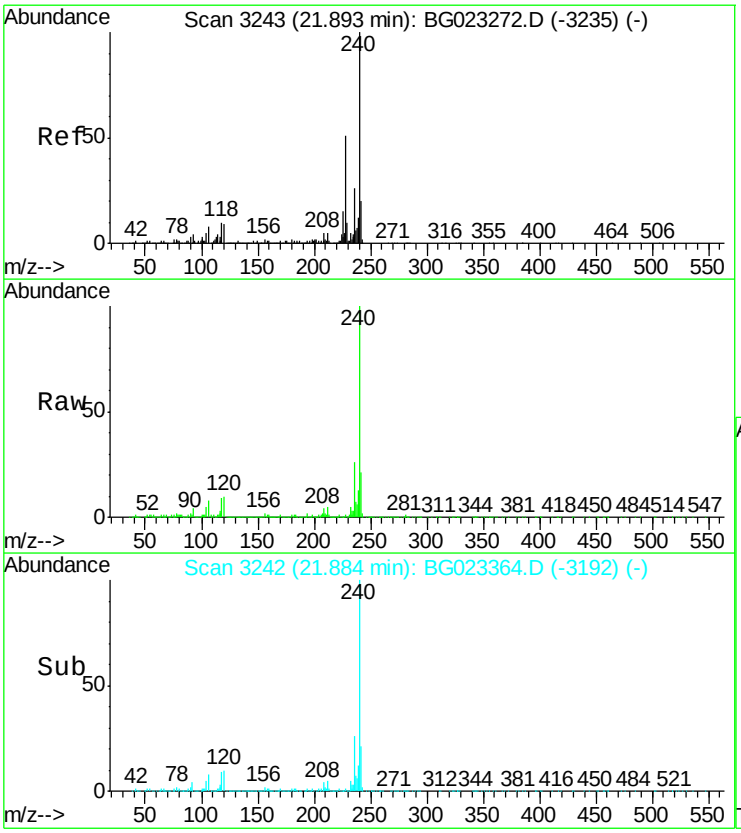
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tgt Ion:188 Resp: 1158953

Ion	Ratio	Lower	Upper
188	100		
94	10.0	5.2	7.8#
80	11.8	7.2	10.8#

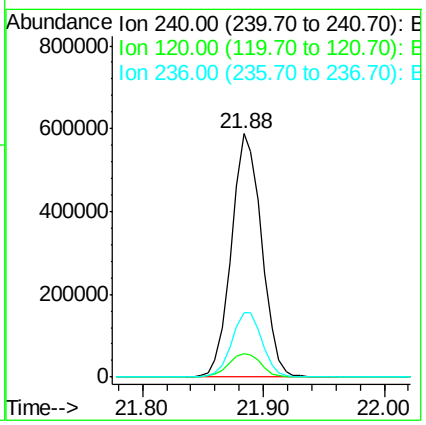


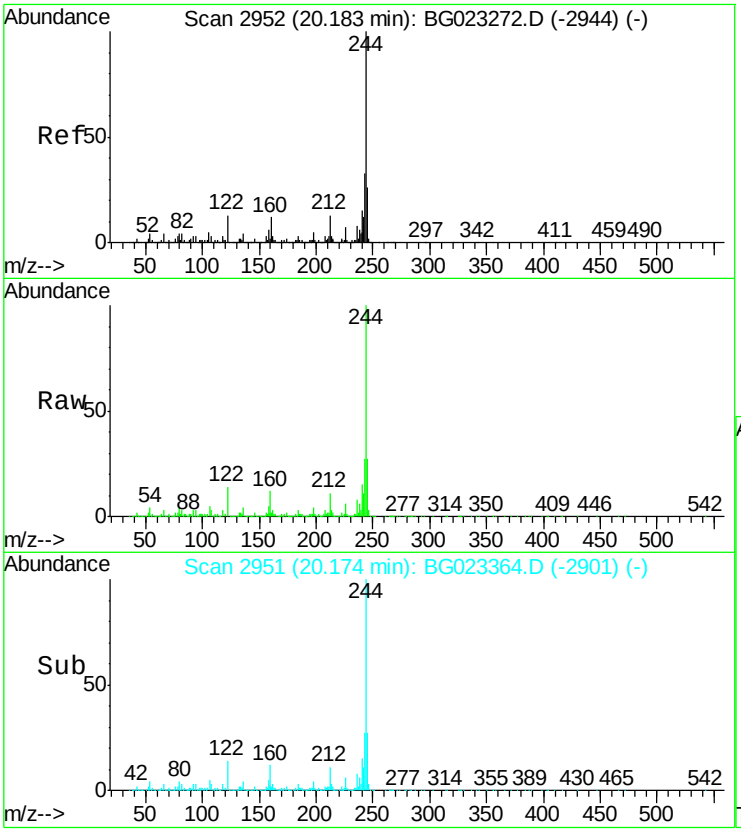


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Tgt Ion:240 Resp: 1022438

Ion	Ratio	Lower	Upper
240	100		
120	9.8	4.1	6.1#
236	26.3	21.1	31.7



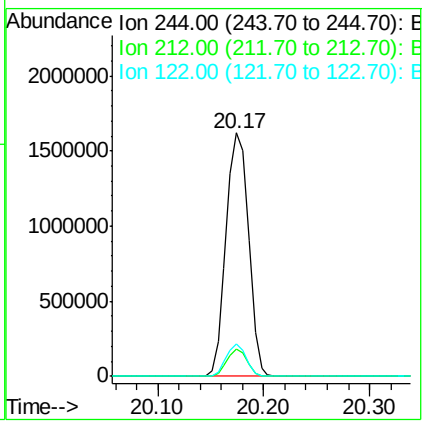


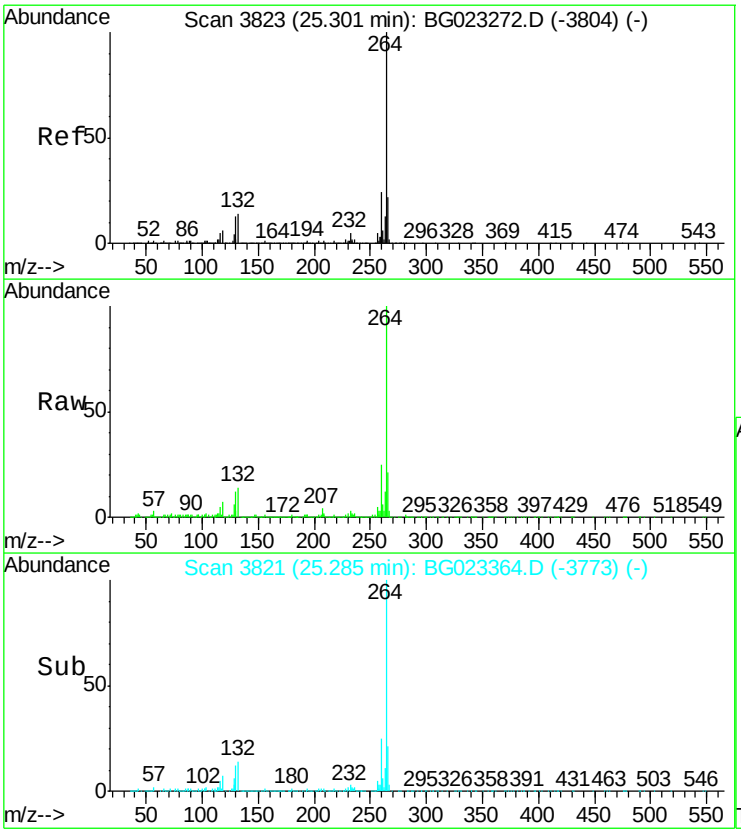
#78
Terphenyl-d14
Concen: 75.80 ng
RT: 20.17 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tgt Ion:244 Resp: 2384147

Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.8	16.2
122	13.6	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3821
Delta R.T. -0.02 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Tgt Ion:264 Resp: 1040805

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.4	27.6
265	21.2	18.9	28.3