Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023363.D
Acq On : 30 Jul 2016 18:49
Operator : UM/SJ
Sample : H4223-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-36-2.5-3.5

Quant Time: Aug 01 02:09:34 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	142846	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	730907	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	556223	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1221642	20.00	ng	0.00
75) Chrysene-d12	21.89	240	957481	20.00	ng	0.00
86) Perylene-d12	25.29	264	959093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1215217	145.23	ng	0.00
7) Phenol-d6	7.29	99	1994102	155.23	ng	0.00
23) Nitrobenzene-d5	9.31	82	1386605	92.77	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	1035297	179.83	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2770577	93.23	ng	0.00
78) Terphenyl-d14	20.18	244	2827428	95.99	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.32	94	50183	3.70	ng	92
49) Dimethylphthalate	14.25	163	690687	16.83	ng	98

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

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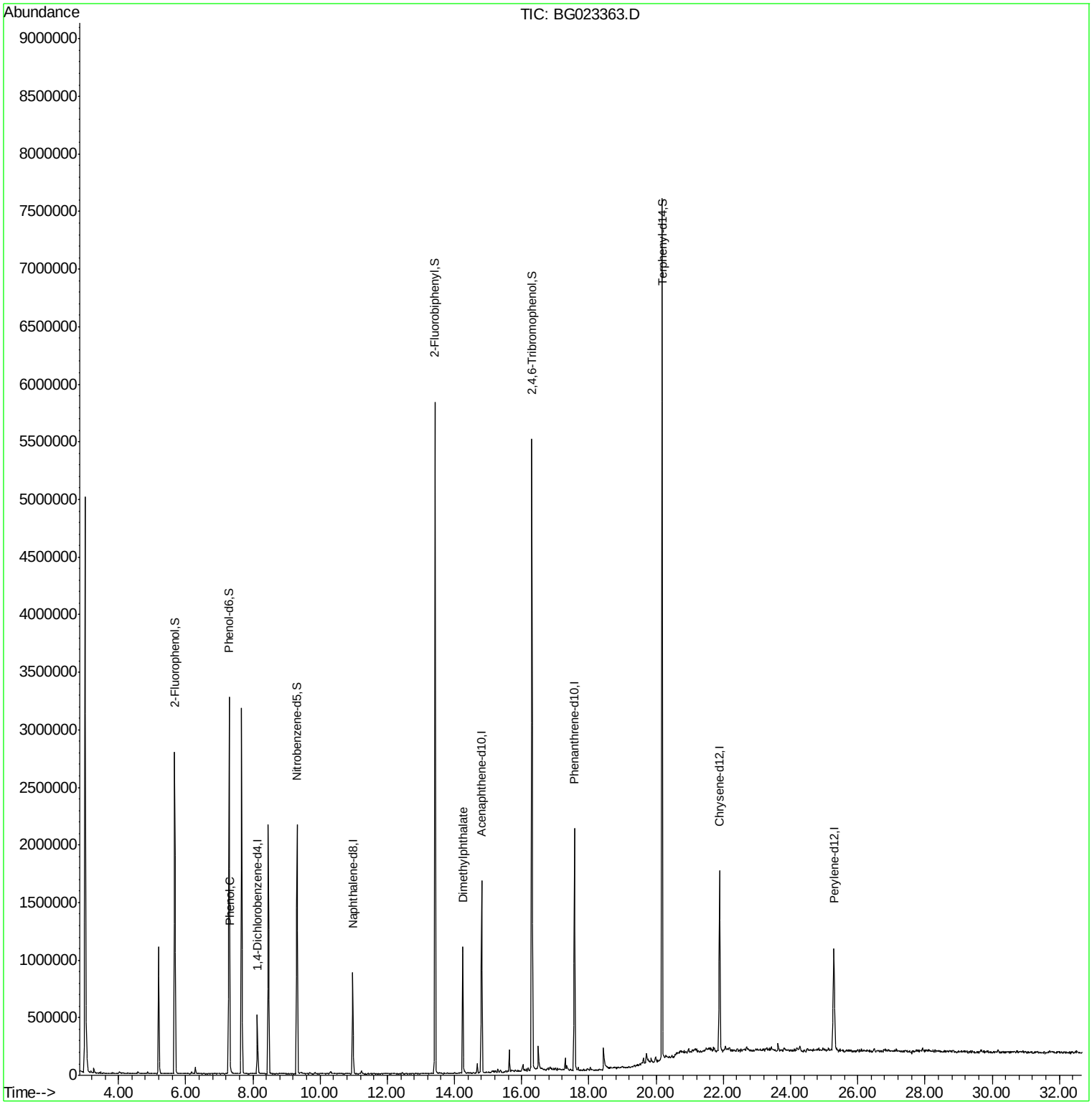
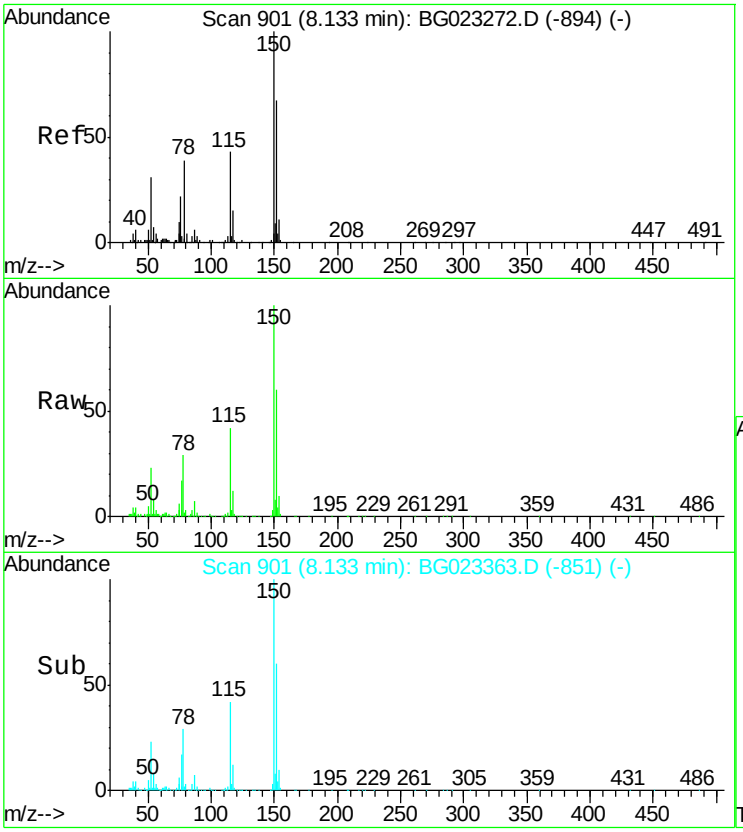


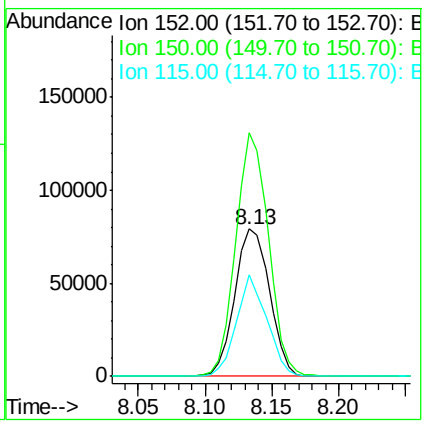


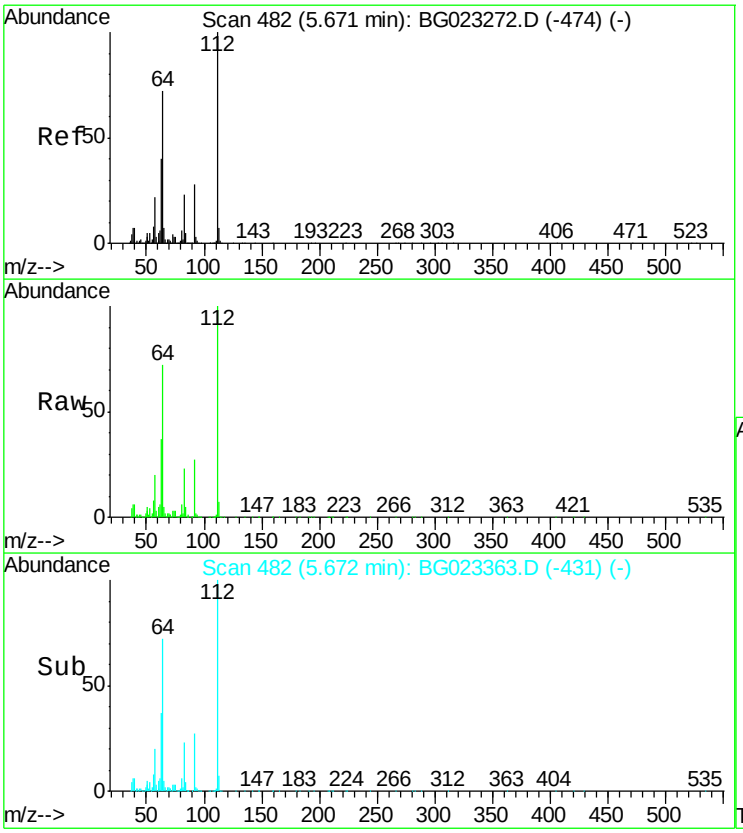
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Instrument :
BNA_G
ClientSampleId :
SB-36-2.5-3.5

Tgt Ion:152 Resp: 142846

Ion	Ratio	Lower	Upper
152	100		
150	165.3	144.7	217.1
115	69.2	64.0	96.0

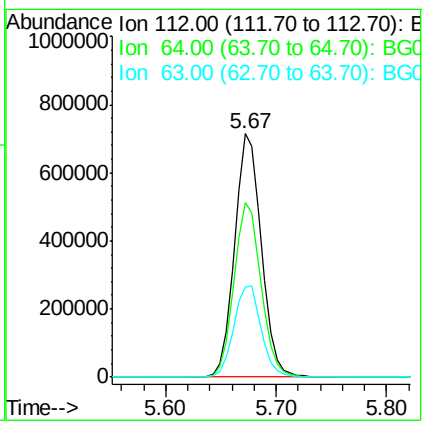


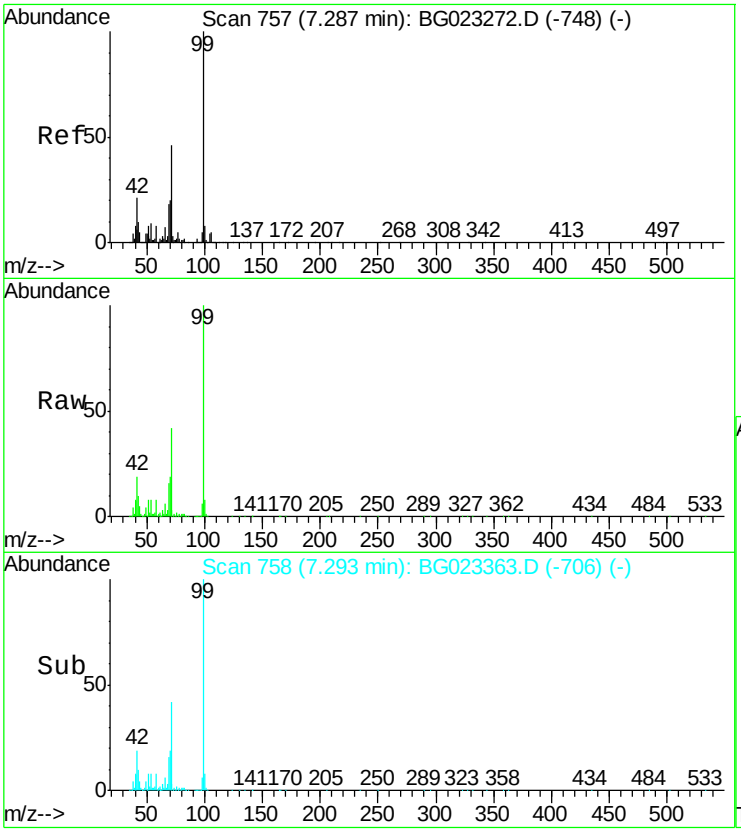


#5
2-Fluorophenol
Concen: 145.23 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Tgt Ion:112 Resp: 1215217

Ion	Ratio	Lower	Upper
112	100		
64	71.9	59.0	88.4
63	37.0	37.8	56.8#



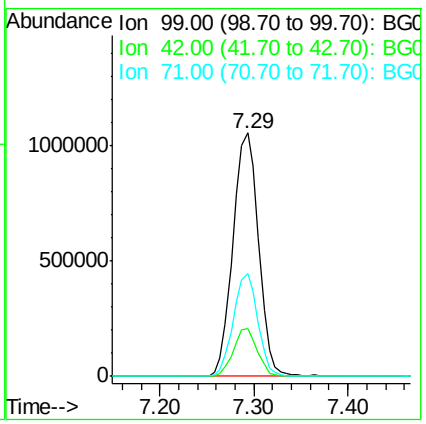


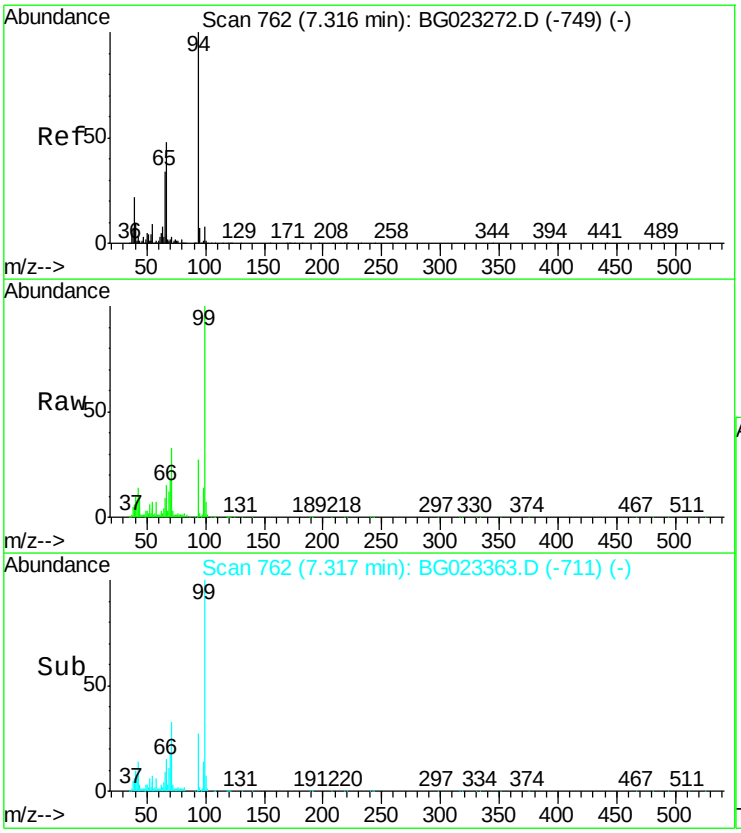
#7
Phenol-d6
Concen: 155.23 ng
RT: 7.29 min Scan# 758
Delta R.T. 0.01 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Instrument :
BNA_G
ClientSampleId :
SB-36-2.5-3.5

Tgt Ion: 99 Resp: 1994102

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.8	26.6
71	42.5	41.5	62.3

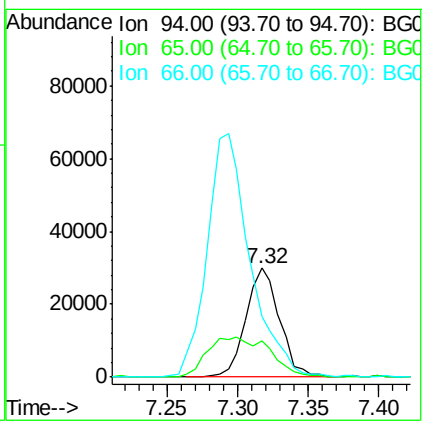


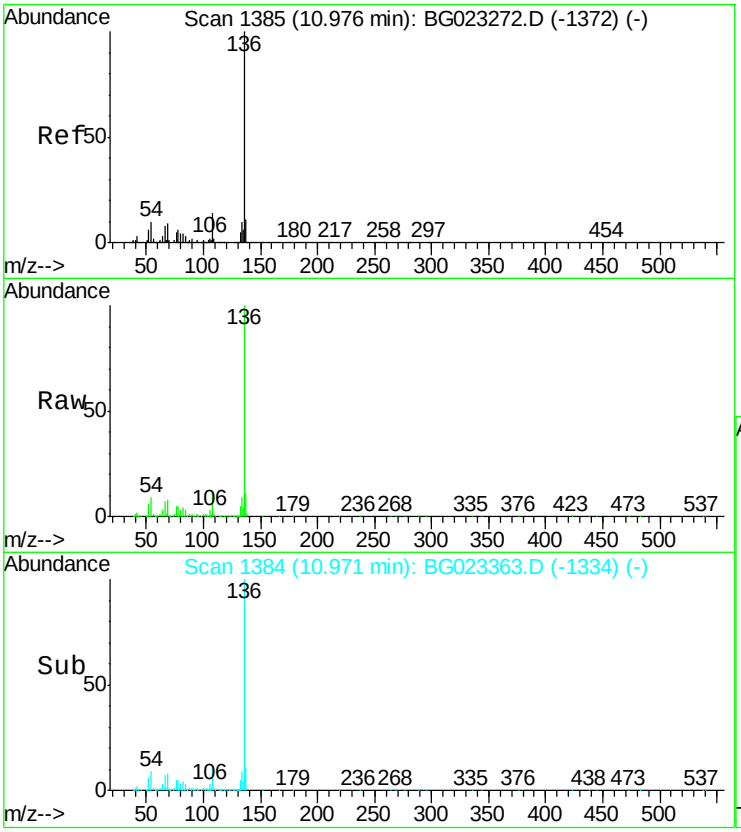


#10
Phenol
Concen: 3.70 ng
RT: 7.32 min Scan# 762
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Tgt Ion: 94 Resp: 50183

Ion	Ratio	Lower	Upper
94	100		
65	33.5	18.1	58.1
66	55.3	42.1	82.1



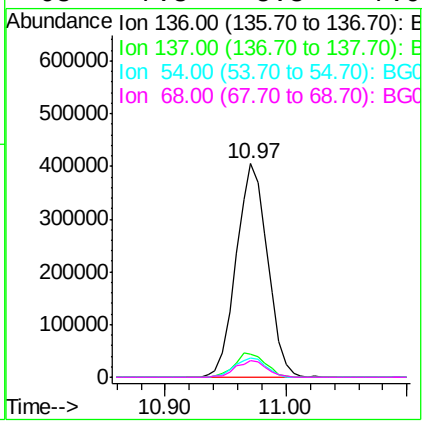


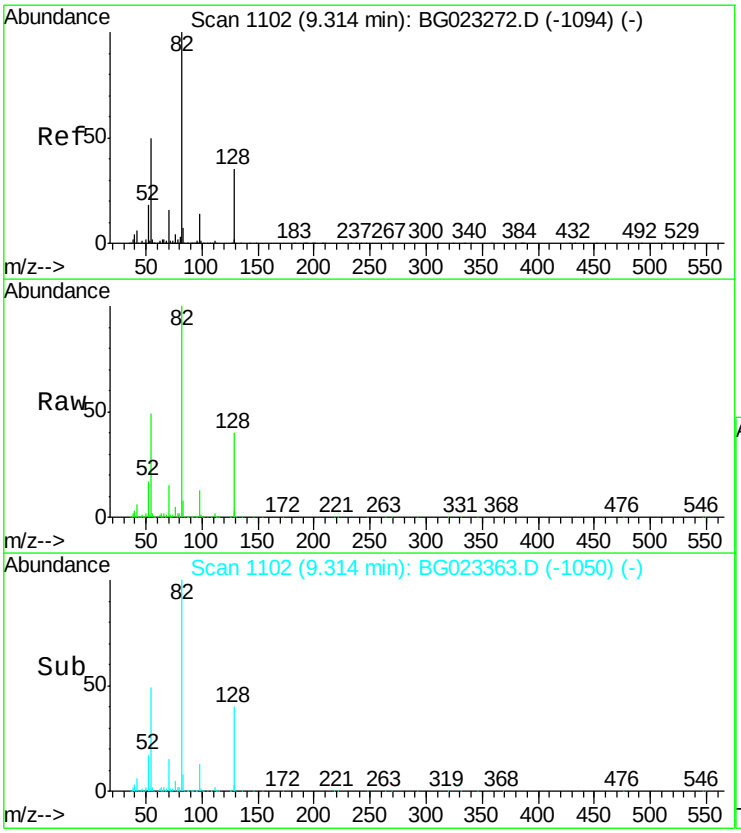
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Instrument :
BNA_G
ClientSampleId :
SB-36-2.5-3.5

Tgt Ion:136 Resp: 730907

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	9.1	7.3	10.9
68	7.8	5.3	7.9

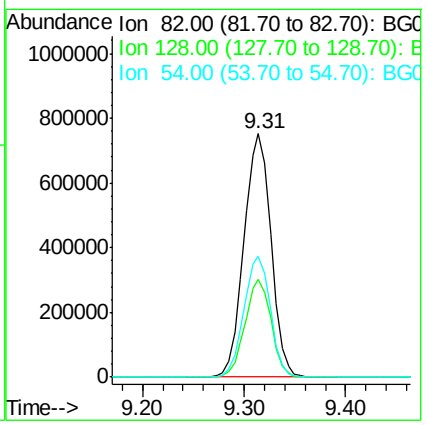


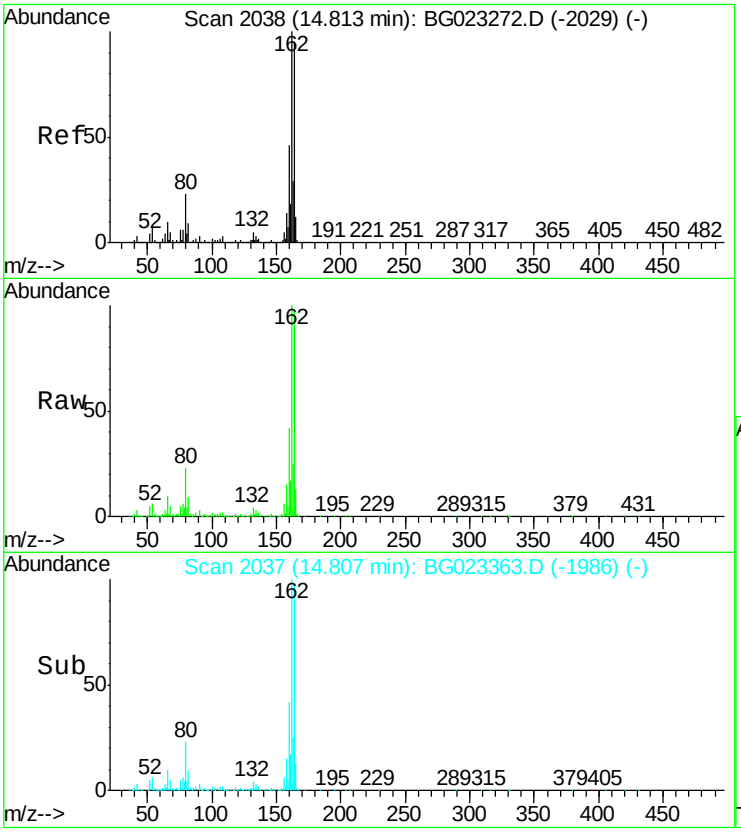


#23
Nitrobenzene-d5
Concen: 92.77 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Tgt Ion: 82 Resp: 1386605

Ion	Ratio	Lower	Upper
82	100		
128	40.0	24.4	36.6#
54	49.4	41.4	62.0



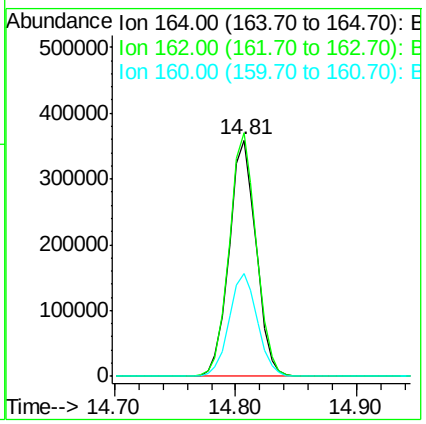


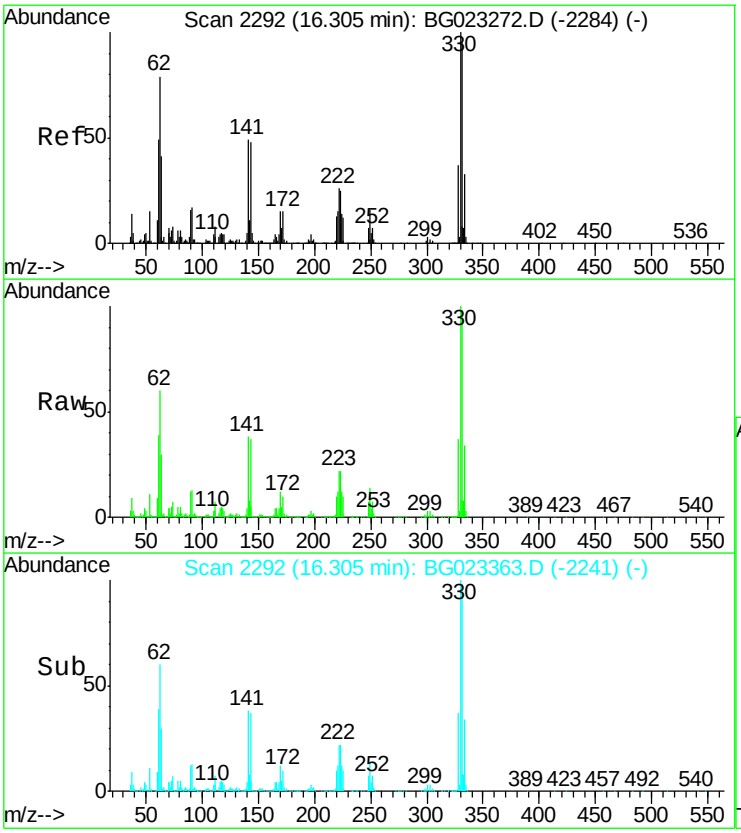
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Instrument :
BNA_G
ClientSampleId :
SB-36-2.5-3.5

Tgt Ion:164 Resp: 556223

Ion	Ratio	Lower	Upper
164	100		
162	102.9	87.7	131.5
160	43.4	37.2	55.8

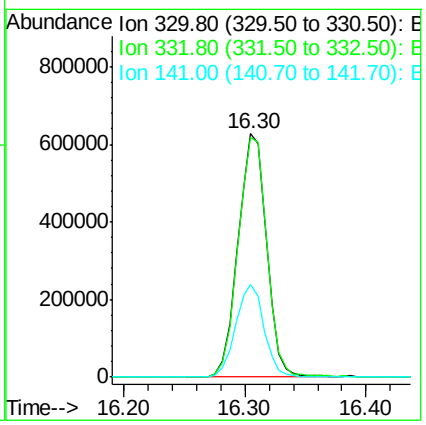


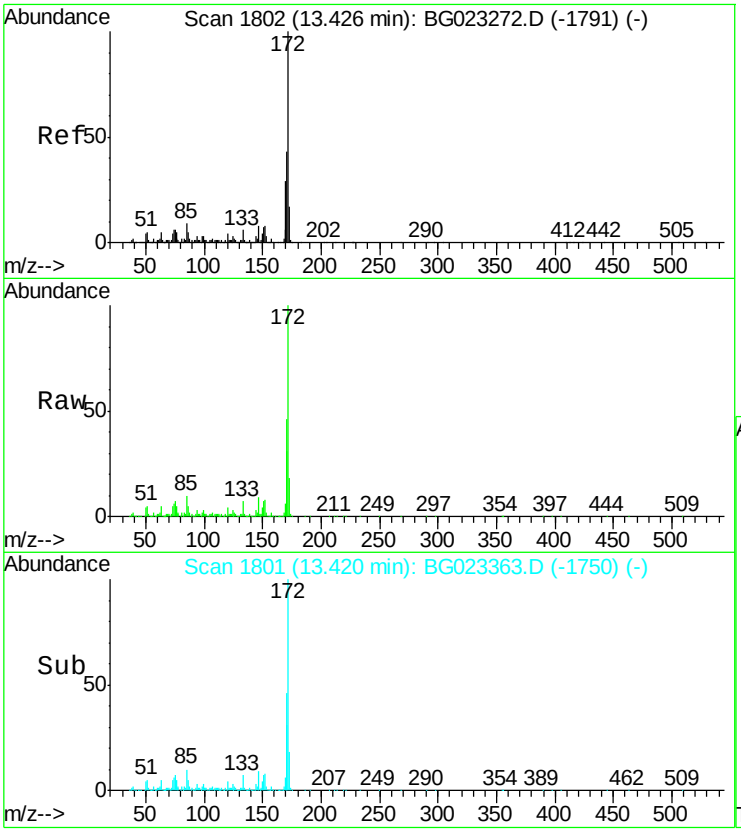


#41
2,4,6-Tribromophenol
Concen: 179.83 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Tgt Ion:330 Resp: 1035297

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.4	116.2
141	37.8	31.7	47.5



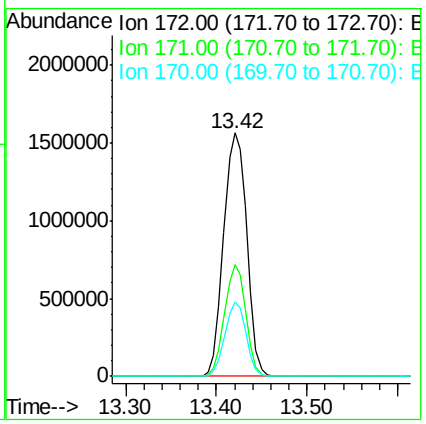


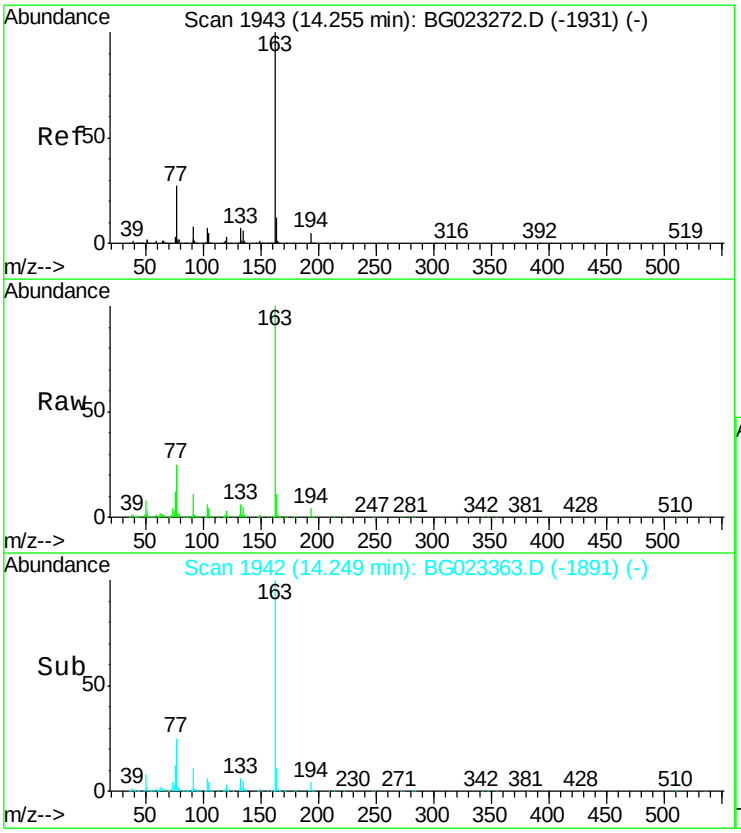
#44
2-Fluorobiphenyl
Concen: 93.23 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Instrument :
BNA_G
ClientSampleId :
SB-36-2.5-3.5

Tgt Ion:172 Resp: 2770577

Ion	Ratio	Lower	Upper
172	100		
171	45.7	31.6	47.4
170	30.6	21.3	31.9

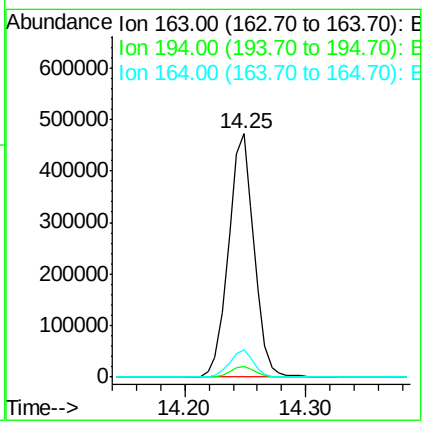


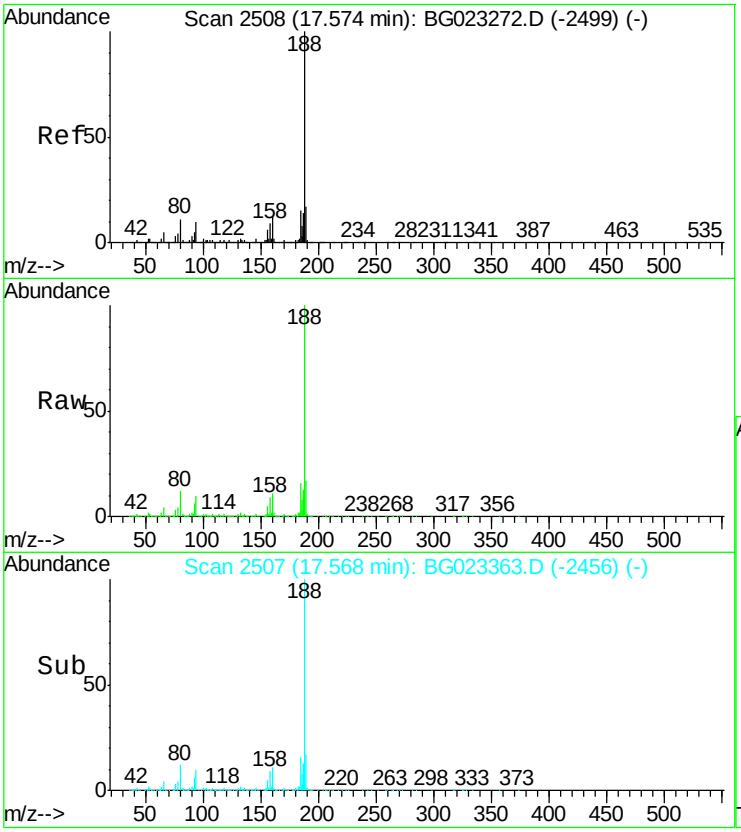


#49
Dimethylphthalate
Concen: 16.83 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Tgt Ion:163 Resp: 690687

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	11.3	8.1	12.1



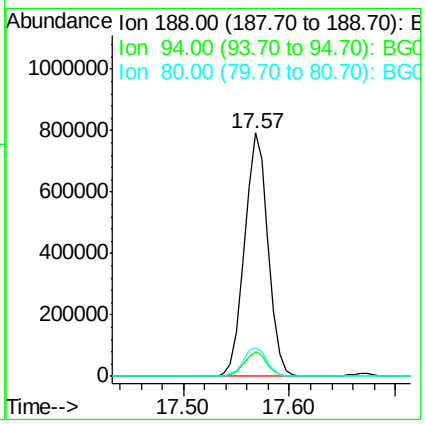


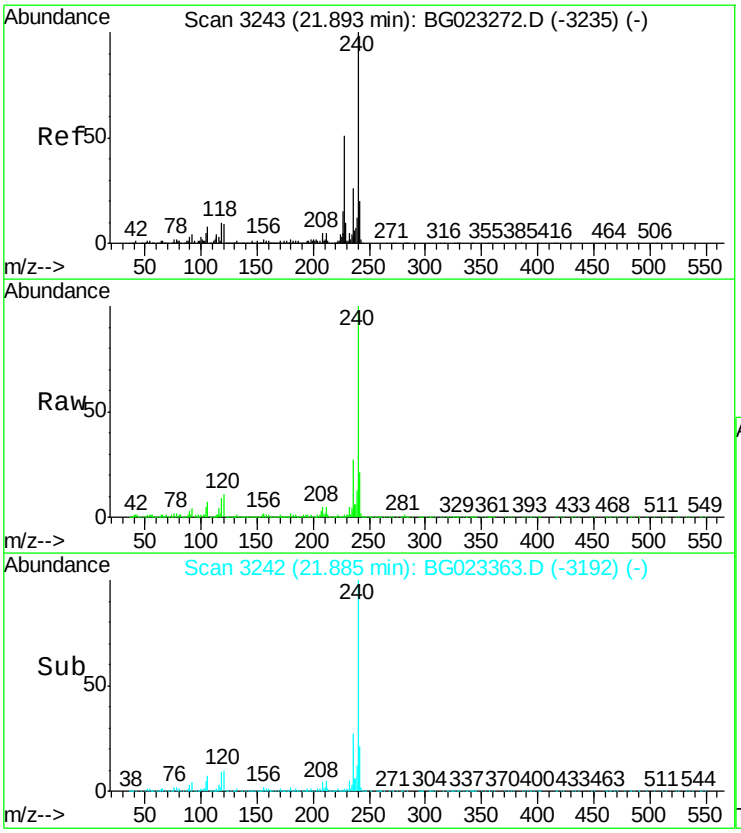
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Instrument :
BNA_G
ClientSampleId :
SB-36-2.5-3.5

Tgt Ion:188 Resp: 1221642

Ion	Ratio	Lower	Upper
188	100		
94	10.4	5.2	7.8#
80	12.0	7.2	10.8#

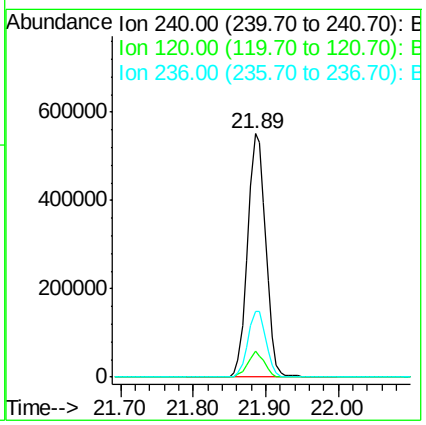


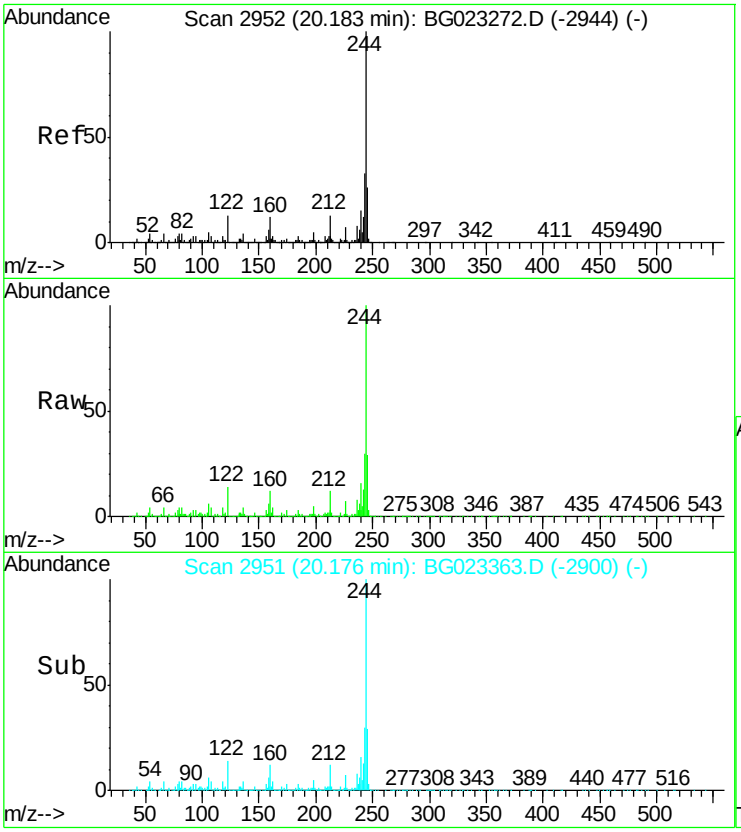


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3242
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Tgt Ion:240 Resp: 957481

Ion	Ratio	Lower	Upper
240	100		
120	10.5	4.1	6.1#
236	26.8	21.1	31.7



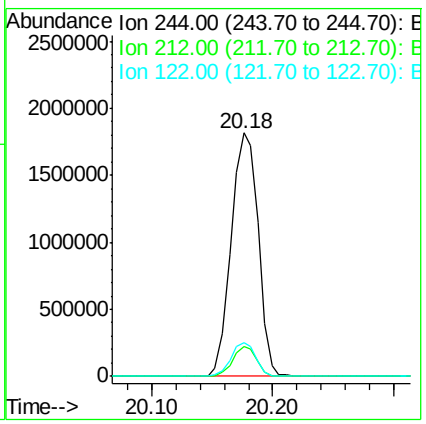


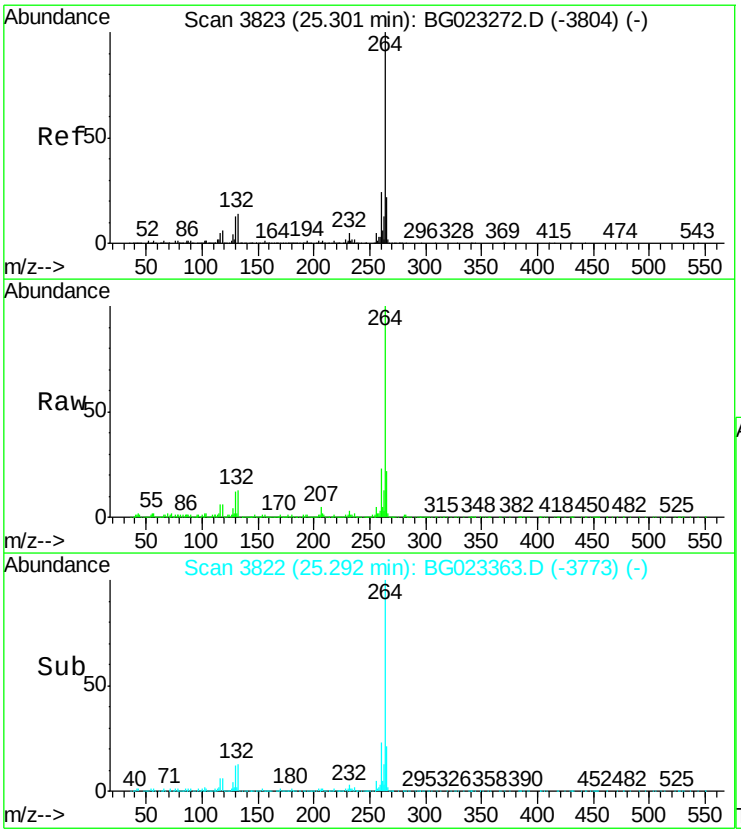
#78
Terphenyl-d14
Concen: 95.99 ng
RT: 20.18 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Instrument :
BNA_G
ClientSampleId :
SB-36-2.5-3.5

Tgt Ion:244 Resp: 2827428

Ion	Ratio	Lower	Upper
244	100		
212	12.5	10.8	16.2
122	13.8	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: BG023363.D
Acq: 30 Jul 2016 18:49

Tgt Ion:264 Resp: 959093

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	21.7	18.9	28.3